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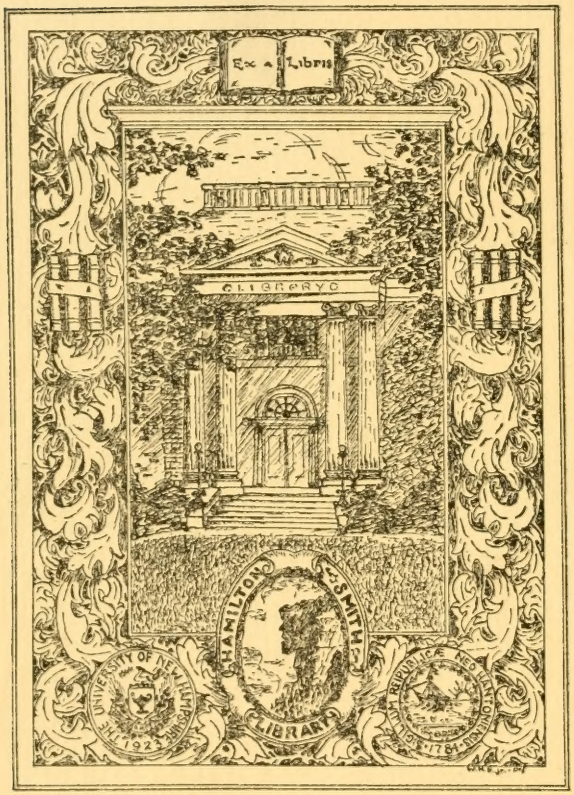

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INSPECTION OF COMMERCIAL FEEDING STUFFS

Made for the

STATE DEPARTMENT OF AGRICULTURE

The inspection of commercial feeding stuffs reported in this bulletin was made under the direction of Honorable Andrew L. Felker, Commissioner of Agriculture. Mr. E. D. Sanborn, State Inspector, collected samples of 408 brands of feeding stuffs which were offered for sale in the State during the year ending June, 1934. This number is the largest ever collected during an annual inspection. The 408 samples represent brands of 128 manufacturers.

THE LAW

The New Hampshire law, entitled an Act to Regulate the Sale of Concentrated Commercial Feeding Stuffs, requires every manufacturer or dealer who shall sell or offer for sale any concentrated commercial feeding stuff to furnish with each package a clearly printed statement certifying the net weight of the feed contained in the package, the brand name or trademark under which the feed is sold, the name and address of the manufacturer, the ingredients of which the feed is composed, and a chemical analysis stating the minimum percentage only of protein, fat and carbohydrates, and the maximum percentage only of crude fiber.

The chief purpose of the administration of the Feeding Stuffs Law is to protect the consumer against the inferior products which would doubtless soon appear on the market if the trade were not under state control.

It must not be assumed by the purchaser of feeding stuffs that every brand which meets the manufacturer's guarantee is a high-grade feed. The Feeding Stuffs Law does not prevent the sale of a low-grade feed if it is properly licensed and tagged and is offered for sale in compliance with the law. It

would not be in the public interest to legislate against the sale of the lower-grade by-products. They can be fed profitably if bought at a price adjusted to their feeding value. The law does prevent an inferior feed being offered for sale as a high-grade product.

The dealer who offers for sale a feeding stuff which has not been registered or which is not guaranteed in compliance with the law is probably indifferent to his customer's interests in other respects. He does not merit either the confidence or patronage of the consumer.

The purchaser's co-operation in refusing to buy a feed which does not conform to the law in every respect will not only help in the enforcement of the law but will at the same time afford himself its protection. The State official charged with the enforcement of the feeding stuffs law is the Commissioner of Agriculture. All inquiries concerning the law and all matters relative to the registration of brands should be addressed to his office in Concord.

CLASSIFICATION

In classifying the feeding stuffs here reported, the class name under which they were offered to the consumer has been used. The classes are arranged alphabetically. Table I shows the number of brands in each class, the average price per 100 pounds, the average per cent of protein, the number of pounds of protein per $1.00, the number deficient by one-half per cent or more of protein,, the average per cent fat, the number of pounds of fat per $1.00, and the number deficient by one-fourth per cent or more of fat.

TABLE I

Class	Number in Class	Average price per 100 Pounds	Average per cent protein	Pounds of protein per $1.00	Number deficient ½ per cent protein	Average per cent fat	Pounds of fat per $1.00	Number deficient ¼ per cent fat
Alfalfa Meal	2	2.00	17.07	8.5	0	2.08	1.0	0
Beet Pulp	1	1.50	10.90	7.3	0	0.47	0.3	0
Brewers' Dried Grains	2	1.43	24.67	17.3	0	6.53	4.6	0
Calf Meal	4	3.96	25.09	6.3	0	5.18	1.3	1
36% Cottonseed Meal	3	1.85	36.20	19.5	1	5.83	3.2	0
41% Cottonseed Meal	10	1.82	40.95	22.5	4	6.48	3.6	0
43% Cottonseed Meal	1	1.90	42.64	22.4	0	6.26	3.3	0
Dairy Feed	120	1.74	21.65	12.4	4	4.41	2.5	17
Dog Feed	2	4.95	20.65	4.2	0	3.82	0.8	0
Fish Meal	2	3.50	59.67	17.0	1	11.79	3.4	0
Gluten Feed	6	1.58	27.32	17.3	0	2.47	1.6	0
Gluten Meal	2	1.90	44.68	23.5	0	1.13	0.6	0
Hog Feed	5	1.84	17.95	9.8	0	5.42	2.9	0
Hominy Feed	6	1.51	10.86	7.2	0	7.02	4.6	0
Linseed Meal	7	2.32	38.14	16.4	0	5.61	2.4	0
Meat Scraps	9	2.34	50.64	21.6	0	11.19	4.8	0
Milk Products	7	6.06	32.14	5.3	0	1.63	0.3	0
Oat Products	7	1.78	13.04	7.3	0	4.32	2.4	1
Poultry Feed	118	2.30	19.34	8.4	3	5.22	2.3	6
Soybean Meal	2	2.15	42.30	19.7	0	5.38	2.7	0
Stock Feed	20	1.50	10.49	7.0	0	4.81	3.2	0
Wheat Bran	28	1.41	17.04	12.1	0	5.02	3.6	1
Wheat Middlings	15	1.49	17.78	11.9	0	5.20	3.5	2
Wheat Mixed Feed	20	1.60	17.68	11.1	0	4.73	3.0	1
Wheat Red Dog Flour	5	1.66	19.12	11.5	0	5.08	3.1	0
Wheat Shorts	4	1.44	19.39	13.5	0	5.97	4.1	0
	408				13			29

NUMBER OF SAMPLES FAILING TO COMPLY WITH THE LAW

One hundred seventy-five of the 408 brands analyzed failed to comply with the law in every respect, violating it on 205 counts. Nearly all of these violations, however, are negligible if measured in terms of the cost to the purchaser.

Only eight brands were found deficient more than one per cent in the most valuable constituent, protein. The greatest protein deficiency was 1.85 per cent. The total number of protein deficiencies was 26, equivalent to 6.4 per cent of the brands analyzed. Fourteen of these were deficient less than one-half per cent.

Forty-five brands or 11.0 per cent were deficient in fat; 16 of these were deficient less than one-fourth per cent. The greatest deficiency in fat was 0.85 per cent.

Forty brands contained an excessive amount of crude fiber. Sixty-seven brands were deficient in carbohydrates. Twenty-seven brands were offered for sale without a carbohydrate guarantee.

In the tabulation of the analytical data deficiencies of one-half per cent or more of protein and of one-fourth per cent or more of fat are shown in bold-faced type.

REQUESTS FOR THE ANALYSIS OF FEEDING STUFFS BY INDIVIDUALS

Under the Feeding Stuffs Law the Agricultural Experiment Station is charged only with the analysis of samples of feeding stuffs collected by the State Inspector under the direction of the Commissioner of Agriculture. It does, however, each year analyze a considerable number of samples drawn by individuals representing stock purchased by them for their own use. The object of the purchaser who asks to have the sample analyzed is usually to satisfy himself whether the feed meets its guarantee and if it does not, to obtain evidence upon which to base a claim for shortage.

The Station can assume no responsibility for the sampling of these unofficial samples but can only attest the accuracy of the analysis of the sample as submitted. It is practically impossible to secure a representative sample of a feeding stuff composed of several ingredients varying widely in composition without the aid of a sampling tube for drawing the sample and proper equipment for mixing it. A feed may contain as one of its several ingredients gluten meal averaging 40 per cent protein, and as another ingredient oat feed averaging five per cent protein. These materials are so different in physical condition that the shaking in transit tends to separate them even though they may have been perfectly mixed by the manufacturer before bagging. It is apparent that an accurate sample of a ton of this feed can only be had by drawing a core from several bags. The official method requires ten. Since a representative sample is as essential as an accurate analysis in judging the value of a shipment of feed it is evident that a satisfactory adjustment can seldom be effected on the basis of an unofficial sample.

Notwithstanding the objections which may be raised to the analysis of samples taken without proper sampling equipment, the Station is disposed to continue this work as long as there is evidence that it constitutes a useful service. The samples so submitted should be drawn from at least ten bags in a manner which will insure that the small lot sent for analysis is as accurately representative as possible of the larger lot from which it is taken. Because of the cost of labor and materials an analysis is not usually warranted on a sample drawn from less than a one ton lot of feed.

A one pound sample is sufficient for the analysis. It should be sent in a glass jar or tin box to prevent the loss of fine particles and a change in the moisture content. In order that the Department may have a satisfactory record of the sample analyzed and may know whether or not the manufacturer and the dealer are complying with the requirements of the law, the following information should be submitted concerning each sample.

Brand .....

Manufacturer .....

Address .....

Guarantee:

Protein .....

Fat .....

Carbohydrates .....

Moisture .....

Ash .....

Crude Fiber .....

Ingredients .....

.....

.....

Dealer .....

Address .....

Number of bags in lot .....

Number of bags sampled .....

Price per 100 pounds .....

Your name .....

Your address .....

Your reason for requesting analysis .....

.....

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
ALFALFA MEAL								
Alfalfa Meal	G.	13.00	1.00	40.00	....	....	33.00	
A. B. Caple Co.	F.	12.87	1.66	68.90	7.14	9.43	....	
Toledo, Ohio								
Peevee Alfalfa Leaf Meal	G.	20.00	2.50	58.00	....	....	18.00	
Pecos Valley Alfalfa Mill Co.	F.	21.27	2.50	57.67	12.09	6.47	....	
Hagerman, New Mexico								
BEET PULP								
Beet Pulp	G.	7.00	0.30	70.00	....	....	20.00	
American Beet Sugar Co.	F.	10.90	0.47	75.70	5.61	7.32	....	
Mason City, Iowa								
BREWERS' DRIED GRAINS								
Hiquality Brewers' Grains	G.	24.00	5.00	59.00	....	....	19.00	
Donahue-Stratton Company	F.	25.48	6.77	56.75	3.29	7.71	....	
Milwaukee, Wis.								
Crown Brewers' Dried Grains	G.	22.00	6.00	....	....	....	18.00	
Milwaukee Grains & Feed Co.	F.	23.86	6.29	58.62	3.54	7.69	....	
Milwaukee, Wis.								
CALF MEAL								
Eastern States Calf Starter	G.	23.00	3.50	53.00	....	....	4.00	Oat groats, corn meal, wheat bran, mill run screenings, linseed meal, corn, blood flour, skimmed milk, dicalcium phosphate, salt.
Eastern States Farmers' Exchange	F.	25.37	4.61	55.32	5.08	9.62	3.29	
Springfield, Mass								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Larro Calf Meal	G.	23.00	4.00	54.00	....	....	4.00	Oat meal, wheat middlings, mill run screenings, corn meal, linseed meal, blood flour, skimmed milk, cod liver oil, limestone, salt.
Larrowe Milling Co.	F.	24.61	4.21	56.09	5.73	9.36	3.83	
Detroit, Mich.								
Merrimack Calf Meal	G.	20.00	4.50	55.00	....	....	5.00	Milk, blood flour, oat groats, wheat middlings, hominy, bone meal, fenugreek, anise, calcium carbonate, linseed meal, salt.
Merrimack Farmers' Exchange	F.	24.34	5.70	56.19	3.76	10.01	3.54	
Concord, N. H.								
Milkade Calf Meal	G.	20.00	7.00	50.00	....	....	6.50	Malt, linseed meal, wheat bran, wheat flour, cocoanut meal, bone meal, rice polish, wheat middlings, sesame oil meal, blood flour, calcium carbonate, fenugreek, anise, salt.
Park & Pollard Co.	F.	26.05	**6.19**	50.85	8.38	8.53	5.78	
Boston, Mass.								
36% COTTONSEED MEAL								
Miss Cairo Brand Cottonseed Meal	G.	36.00	5.00	24.00	....	....	12.00	
Cairo Meal & Coke Co.	F.	37.34	6.02	43.14	6.34	7.16	....	
Cairo, Ill.								
Danish Brand Cottonseed Feed	G.	36.00	5.00	25.00	....	....	15.00	Cottonseed meal, cottonseed hulls.
Humphreys-Godwin Co.	F.	37.12	6.05	42.40	6.28	8.15	....	
Memphis, Tenn.								
Danish Brand Cottonsed Meal	G.	36.00	5.00	25.00	....	....	15.00	
Humphreys-Godwin Co.	F.	**34.15**	5.43	47.29	5.97	7.16	....	
Memphis, Tenn.								
41% COTTONSEED MEAL								
Helmet Brand Cottonseed Meal	G.	41.00	5.50	26.00	....	....	10.00	
Ashcraft-Wilkinson Co.	F.	41.86	7.24	37.73	7.11	6.06	....	
Atlanta, Ga.								

Goodluck Brand Cottonseed Meal	G.	41.00	6.00	39.00	....	....	10.00
S. P. Davis	F.	41.00	6.21	39.62	7.01	6.16	....
Little Rock, Ark.							
Eastern States Cottonseed Meal	G.	41.00	6.00	36.00	....	....	10.00
Eastern States Farmers' Exchange	F.	**40.04**	6.00	39.97	6.81	7.18	....
Springfield, Mass.							
Dixie Brand Cottonseed Meal	G.	41.00	5.00	26.00	....	....	12.00
Humphreys-Godwin Co.	F.	41.00	7.21	40.63	5.51	6.54	....
Memphis, Tenn.							
Cottonseed Meal	G.	41.12	6.00	40.00	....	....	10.00
International Vegetable Oil Co.	F.	41.20	6.27	37.98	6.94	7.61	....
Greenville, Miss.							
41% Cottonseed Meal	G.	41.00	6.00	37.00	....	....	10.00
Larrowe Milling Co.	F.	42.21	6.49	36.62	6.73	7.95	....
Detroit, Mich.							
Lovit Brand Cottonseed Meal	G.	41.00	6.00	36.00	....	....	10.00
L. B. Lovitt & Co.	F.	**39.80**	5.91	39.98	6.05	8.26	....
Memphis, Tenn.							
White Mule Brand Cottonseed Meal	G.	41.00	6.00	26.00	....	....	10.00
Marianna Sales Co.	F.	41.24	6.23	37.79	7.07	7.67	....
Memphis, Tenn.							
Goldenrod Brand Cottonseed Meal	G.	41.00	6.00	26.00	....	....	10.00
Perkins Oil Co.	F.	**39.98**	6.18	10.44	6.83	6.27	....
Memphis, Tenn.							
Texas Bull Brand Cottonseed Meal	G.	41.00	5.00	37.00	....	....	11.00
Transit Milling Co.	F.	42.07	6.72	38.75	5.40	7.06	....
Galveston, Texas							
43% COTTONSEED MEAL							
Texas Bull Brand Cottonseed Meal	G.	43.00	5.00	26.00	....	....	11.00
Transit Milling Co.	F.	42.64	6.26	37.60	5.61	7.89	....
Galveston, Texas							

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
DAIRY FEED								
Amco 20% Dairy Ration Allied Mills Chicago, Ill.	G. F.	20.00 22.85	3.50 4.53	54.00 56.17	.... 7.11	.... 9.34	9.00 7.94	Distillers' grains, gluten feed, gluten meal, cottonseed meal, linseed meal, wheat bran, corn meal, oats, malt grains, soybean meal, molasses, bone meal, limestone, salt.
Amco 12% Fitting Ration Allied Mills Chicago, Ill.	G. F.	12.00 13.04	3.00 5.11	59.00 66.51	.... 5.85	.... 9.49	9.00 5.81	Soybean meal, linseed meal, wheat bran, corn meal, oats, molasses, bone meal, limestone, salt.
Amco 20% National Dairy Ration Allied Mills Chicago, Ill.	G. F.	20.00 20.92	3.50 4.99	54.00 57.16	.... 7.20	.... 9.73	9.00 8.19	Gluten feed, cottonseed meal, linseed meal, wheat bran, corn meal, oats, distillers' grains, soybean meal, molasses, bone meal, limestone, salt.
Empire 20% Dairy Ration Allied Mills Chicago, Ill.	G. F.	20.00 21.54	3.00 4.57	52.00 56.72	.... 8.19	.... 8.98	12.00 9.16	Distillers' grains, brewers' grains, soybean meal, gluten feed, gluten meal, cottonseed meal, corn meal, wheat bran, grain screenings, clipped oats by products, molasses, limestone, salt.
Empire 24% Dairy Ration Allied Mills Chicago, Ill.	G. F.	24.00 24.87	3.00 4.22	50.00 54.43	.... 7.62	.... 8.86	12.00 9.92	Distillers' grains, brewers' grains, soybean meal, gluten feed, gluten meal, cottoneed meal, corn meal, wheat bran, grain screenings, clipped oat by-products, molasses, limestone, salt.
Wayne Amco 20% Dairy Ration Allied Mills Chicago, Ill.	G. F.	20.00 22.72	3.50 3.42	54.00 57.78	.... 7.41	.... 8.64	9.00 6.86	Cottonseed meal, brewers' grains, distillers' grains, oats, gluten feed, corn meal, soybean meal, gluten meal, linseed meal, wheat bran, cane molasses, bone meal, limestone, salt.

Wayne Amco 24% Dairy Ration	G. 24.00	3.50	49.00	....	....	9.00	Cottonseed meal, gluten meal, distillers' grains, brewers' grains, gluten feed, linseed meal, soybean meal, oats, corn meal, wheat bran, cane molasses, bone meal, limestone, salt.
Allied Mills	F. 24.00	3.92	55.28	7.18	9.62	7.63	
Chicago, Ill.							
Capital Dairy Ration Sweetened	G. 24.00	5.00	55.00	....	....	9.00	Gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, calcium carbonate, salt, molasses.
E. W. Bailey & Co.	F. 25.48	**4.55**	53.54	7.12	9.31	6.98	
Montpelier, Vt.							
Favorite Dairy Ration Sweetened	G. 20.00	1.50	55.00	....	....	7.50	Hominy feed, cottonseed meal, linseed meal, corn meal, oats, wheat bran, corn gluten feed, wheat middlings, bone meal, calcium carbonate, salt, molasses.
E. W. Bailey & Co.	F. 21.14	**4.19**	57.60	6.91	10.16	6.54	
Swanton, Vt.							
Our 20 Special	G. 20.00	3.50	55.00	....	....	9.00	Gluten feed, wheat middlings, oat middlings, oat hulls, oat shorts, corn meal, wheat bran, cottonseed meal, molasses, salt, bone meal, calcium carbonate.
E. W. Bailey & Co.	F. 21.71	4.07	57.81	7.22	9.16	7.91	
Montpelier, Vt.							
Barco 16% Dairy Ration	G. 16.00	5.00	60.00	....	....	9.00	Gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, bone meal, calcium carbonate, salt.
G. N. Bartemus Co.	F. 18.17	5.37	61.17	6.36	8.93	7.47	
Concord, N. H.							
Barco 20% Dairy Ration	G. 20.00	4.50	55.00	....	....	7.50	Hominy feed, cottonseed meal, linseed meal, corn meal, oats, wheat bran, gluten feed, wheat middlings, bone meal, calcium carbonate, salt.
G. N. Bartemus Co.	F. 22.55	4.50	57.01	6.78	9.16	7.08	
Concord, N. H.							
Barco 24% Dairy Ration	G. 24.00	5.00	55.00	....	....	9.00	Gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, calcium carbonate, salt.
G. N. Bartemus Co.	F. 25.41	**4.56**	53.75	7.19	9.06	7.50	
Concord, N. H.							
Barco 24% Sweetened Dairy Ration	G. 24.00	5.00	55.00	....	....	9.00	Gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, molasses, calcium carbonate, salt.
G. N. Bartemus Co.	F. 26.01	**4.63**	52.38	7.19	9.79	6.97	
Concord, N. H.							
Blaine's 20% Special Dairy Ration	G. 20.00	5.00	50.00	....	....	8.00	Gluten feed, cottonseed meal, hominy, linseed meal, wheat bran, wheat red dog middlings, salt.
G. N. Bartemus Co.	F. 21.36	**4.38**	59.02	5.13	10.11	6.43	
Concord, N. H.							
Colby Bros. Dairy Ration	G. 20.00	4.00	55.50	....	....	10.50	Linseed meal, wheat bran, hominy, gluten feed, oat meal, cottonseed meal, brewers' grains, charcoal, salt, limestone, bone meal.
G. N. Bartemus Co.	F. 22.94	4.74	57.39	5.66	9.27	8.93	
Concord, N. H.							

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbohydrates	Ash	Moisture	Crude Fiber	
Colby Bros. Fitting Ration	G.	15.00	4.00	63.75	....	....	13.20	Wheat bran, hominy, oats, linseed meal, charcoal, salt, limestone, bone meal.
G. N. Bartemus Co. Concord, N. H.	F.	18.87	4.99	59.55	6.47	10.12	8.86	
Concord 20% Sweetened Ration	G.	20.00	3.00	45.00	....	....	9.00	Gluten feed, wheat bran, hominy, cottonseed meal, brewers' grains, linseed meal, molasses, bone meal, limestone, salt.
G. N. Bartemus Co. Concord, N. H.	F.	21.36	3.53	57.75	6.78	10.58	6.85	
H. L. Webster & Sons—Full O' Milk	G.	20.00	4.50	53.00	....	....	8.00	Wheat bran, hominy, oats, gluten feed, cottonseed meal, soybean meal, linseed meal, distillers' grains, molasses, dicalcium phosphate, salt.
G. N. Bartemus Co. Concord, N. H.	F.	21.72	4.59	57.79	5.93	9.97	9.30	
Special 20% Dairy Sweetened	G.	20.00	4.50	48.00	....	....	10.00	Gluten feed, wheat middlings, oat feed, wheat bran, cottonseed meal, molasses, salt, bone meal, limestone.
G. N. Bartemus Co. Concord, N. H.	F.	21.98	3.78	57.53	7.32	9.39	8.56	
Auburn Dairy Feed	G.	20.00	4.00	45.00	....	....	10.00	Gluten feed, linseed meal, soybean meal, oats, corn meal, grain screenings, cottonseed meal, wheat bran, barley, brewers' grains, molasses, salt, calcium carbonate, calcium phosphate.
Beacon Milling Co. Cayuga, N. Y.	F.	20.88	3.79	58.20	7.79	9.34	8.24	
Beacon "20"	G.	20.00	4.50	50.00	....	....	9.00	Linseed meal, cottonseed meal, soybean meal, gluten feed, gluten meal, corn meal, wheat bran, mill run screenings, distillers' grains, oats, barley, salt, calcium phosphate, calcium carbonate.
Beacon Milling Co. Cayuga, N. Y.	F.	21.93	5.61	57.81	6.01	8.64	7.51	
Beacon Dairy Ration	G.	24.00	4.50	49.00	....	....	9.00	Linseed meal, soybean meal, gluten feed, distillers' grains, barley, gluten meal, hominy feed, corn meal, cottonseed meal, alfalfa meal, wheat bran, wheat middlings, mill run screenings, calcium carbonate, calcium phosphate, salt.
Beacon Milling Co. Cayuga, N. Y.	F.	25.26	5.17	53.53	7.21	8.83	8.09	

Be-Co-Lass	G.	11.00	1.00	55.00	....	....	12.00	Alfalfa meal, barley, wheat bran, mill run screenings, brewers' grains, beet pulp, molasses, salt.
Beacon Milling Co. Cayuga, N. Y.	F.	13.27	2.24	67.79	6.73	9.97	14.88	
Belkco Dairy Feed	G.	20.00	4.50	55.00	....	....	9.00	Corn meal, wheat bran, oats, brewers' grains, cottonseed meal, corn gluten feed, linseed meal, salt, calcium carbonate.
Belknap County Farmers' Exchange Laconia, N. H.	F.	21.98	5.30	58.53	5.60	8.59	8.75	
Bidwell 20% Dairy Ration	G.	20.00	4.00	50.00	....	....	11.00	Wheat bran, linseed meal, malt sprouts, gluten feed, gluten meal, barley, cottonseed meal, grain screenings, molasses, calcium carbonate, salt.
Black Rock Milling Corp. Buffalo, N. Y.	F.	20.75	**3.44**	58.43	7.34	10.04	7.66	
Bidwell 24% Dairy Ration	G.	24.00	4.00	50.00	....	....	11.00	Wheat bran, linseed meal, barley, cottonseed meal, gluten feed, grain screenings, malt sprouts, gluten meal, molasses, calcium carbonate, salt.
Black Rock Milling Corp. Buffalo, N. Y.	F.	23.58	**3.66**	56.39	7.61	8.76	8.54	
Central Grain Dairy Ration	G.	20.00	4.00	55.00	....	....	7.50	Corn meal, wheat bran, cottonseed meal, gluten feed, linseed meal, oats, molasses, bone meal, salt.
Central Grain Co. Franklin, N. H.	F.	19.53	4.72	61.43	5.24	9.08	7.76	
Coweco 1925 Ration	G.	24.00	4.50	45.00	....	....	10.00	Wheat bran, wheat middlings, corn meal, cottonseed meal, gluten feed, linseed meal, hominy, oats, brewers' grains, distillers grains, soybean meal, bone meal, calcium carbonate, salt, molasses.
E. A. Cowee Co. Fitchburg, Mass.	F.	26.66	4.86	51.98	6.73	9.77	7.86	
Coweco Lo-Price 20% Dairy Ration	G.	20.00	3.50	....	....	....	9.00	Wheat bran, wheat middlings, oats, cottonseed meal, gluten meal, linseed meal, barley, corn meal, soybean meal, molasses, bone meal, calcium carbonate, salt.
E. A. Cowee Co. Fitchburg, Mass.	F.	20.84	1.81	58.85	6.09	9.41	8.16	
Coweco Sunrise 20% Ration	G.	20.00	3.50	50.00	....	....	10.00	Wheat bran, wheat middlings, brewers' grains, distillers' grains, gluten feed, cottonseed meal, cleanings from corn, oats, wheat and barley, molasses, calcium carbonate, salt.
E. A. Cowee Co. Fitchburg, Mass.	F.	20.66	4.77	58.79	5.85	9.93	8.89	
Dunbar's Dairy Ration	G.	22.00	4.50	48.00	....	....	10.00	Wheat bran, linseed meal, cottonseed meal, brewers' grains, oats, hominy, gluten meal, bone meal, charcoal, calcium carbonate, salt.
E. A. Cowee Co. Fitchburg, Mass.	F.	25.43	1.84	54.63	6.56	8.54	8.62	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Champion Dairy Ration G. B. Currier Co. Colebrook, N. H.	G. 24.00 F. 24.52	4.75 5.48	50.00 55.15	.... 6.10	.... 8.75	8.50 8.31	Wheat bran, cottonseed meal, gluten feed, gluten meal, linseed meal, oats, corn meal, brewers' grains, distillers' grains, wheat middlings, salt, bone meal.
Danville 20% Dairy Ration Danville Grain Co. Danville, Vt.	G. 20.00 F. 21.54	4.00 3.40	.... 57.40	.... 7.34	.... 10.32	10.00 8.24	Linseed meal, cottonseed meal, gluten feed, wheat bran, wheat middlings, gluten meal, malt sprouts, oats, corn meal, molasses, calcium carbonate, salt.
Delaware 20% Dairy Feed Delaware Mills, Inc. Deposit, N. Y.	G. 20.00 F. 23.25	5.00 4.91	50.00 58.41	.... 5.43	.... 8.00	10.00 10.83	Gluten feed, linseed meal, cottonseed meal, beet pulp, hominy feed, corn meal, wheat bran, wheat middlings, salt, calcium phosphate.
Delaware Fitting Ration Delaware Mills, Inc. Deposit, N. Y.	G. 13.00 F. 14.15	3.00 4.27	50.00 64.52	.... 7.69	.... 9.37	12.00 10.12	Molasses, wheat bran, wheat middlings, wheat meal, corn meal, oats, barley, linseed meal, soybean meal, peanut meal, calcium phosphate, salt.
Delaware Sweet 24% Dairy Feed Delaware Mills, Inc. Deposit, N. Y.	G. 24.00 F. 24.34	4.50 4.28	50.00 55.64	.... 5.96	.... 9.78	10.00 9.14	Molasses, linseed meal, gluten feed, gluten meal, cottonseed meal, soybean meal, cocoanut meal, hominy feed, peanut meal, corn meal, wheat bran, wheat middlings, salt, calcium phosphate.
Delco Sweet 20% Dairy Feed Delaware Mills, Inc. Deposit, N. Y.	G. 20.00 F. 20.22	4.50 4.91	50.00 58.32	.... 6.61	.... 9.94	10.00 11.09	Molasses, gluten feed, gluten meal, linseed meal, cottonseed meal, soybean meal, cocoanut meal, peanut meal, wheat bran, wheat middlings, hominy feed, oats, barley, calcium carbonate, salt.

Indian Sweet 20% Dairy Feed Delaware Mills, Inc. Deposit, N. Y.	G. F.	20.00 19.79	4.00 4.67	50.00 60.35	.... 6.29	.... 8.90	12.00 10.24	Molasses, linseed meal, gluten feed, cottonseed meal, soybean meal, cocoanut meal, peanut meal, wheat bran, wheat middlings, wheat screenings, corn meal, oats, barley, calcium phosphate, salt.
Special 20% Dairy Feed Delaware Mills Deposit, N. Y.	G. F.	20.00 **18.35**	4.00 4.22	55.00 61.21	.... 6.55	.... 9.67	10.00 12.10	Molasses, cottonseed meal, gluten feed, gluten meal, linseed meal, brewers' grains, wheat bran, corn meal, oat feed, alfalfa meal, calcium carbonate, calcium phosphate, salt.
Big 4 Dairy Feed Dietrich & Gambrill Frederick, Md.	G. F.	11.00 18.56	2.50 3.59	.... 61.18	.... 6.52	.... 10.15	16.00 12.38	Alfalfa meal, wheat bran, brewers' grains, beet pulp, molasses, salt.
Gambrill's A 1 Dairy Feed Dietrich & Gambrill Frederick, Md.	G. F.	24.00 25.87	4.60 4.89	51.00 52.19	.... 7.02	.... 9.73	9.00 8.03	Gluten feed, cottonseed meal, linseed meal, peanut meal, brewers' grains, wheat bran, wheat middlings, corn feed meal, oats, molasses, calcium carbonate, bone meal, salt.
Gambrill's 16% Dairy Feed Dietrich & Gambrill Frederick, Md.	G. F.	16.00 19.81	3.50 4.03	57.00 58.74	.... 8.56	.... 8.83	12.00 10.14	Cottonseed meal, peanut meal, gluten feed, corn feed meal, grain screenings, oat middlings, oat hulls, molasses, calcium carbonate, salt.
High Protein Dairy Feed Dietrich & Gambrill Lewisburg, Pa.	G. F.	32.00 32.97	5.00 5.07	.... 45.70	.... 7.82	.... 8.44	9.00 7.97	Cottonseed meal, linseed meal, peanut meal, soybean meal, gluten feed, wheat bran, brewers' grains, molasses, bone meal, calcium carbonate, salt.
Eastern States 32% Supplement Feed Eastern States Farmers' Exchange Springfield, Mass.	G. F.	32.00 35.20	4.50 5.31	40.00 45.10	.... 6.08	.... 8.31	8.00 7.51	Cottonseed meal, soybean meal, gluten meal, linseed meal, molasses, wheat bran, distillers' grains, brewers' grains, dicalcium phosphate, salt.
Eastern States Fitting Ration Eastern States Farmers' Exchange Springfield, Mass.	G. F.	12.00 14.19	3.50 4.25	60.00 65.90	.... 4.98	.... 10.68	7.00 5.83	Wheat bran, mill run screenings, corn meal, oats, hominy, molasses, linseed meal, soybean meal, dicalcium phosphate, salt.
Eastern States Fulpail Dairy Ration Eastern States Farmers' Exchange Springfield, Mass.	G. F.	20.00 21.98	4.50 5.46	52.00 57.39	.... 5.93	.... 9.24	8.00 6.96	Wheat bran, mill run screenings, hominy, oats, gluten feed, cottonseed meal, soybean meal, linseed meal, distillers' grains, molasses, dicalcium phosphate, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Eastern States Highland 12	G. 12.00	3.50	61.00	....	....	11.50	Wheat bran, mill run screenings, oat shorts, oat middlings, oat hulls, corn meal, hominy, molasses, soybean meal, brewers' grains, dicalcium phosphate, salt.
Eastern States Farmers' Exchange.....	F. 13.93	3.83	65.99	6.15	10.10	9.79	
Springfield, Mass.							
Eastern States Highland 20	G. 20.00	4.00	54.00	....	....	12.00	Cottonseed meal, oat shorts, oat middlings, oat hulls, hominy, brewers' grains, wheat bran, mill run screenings, molasses, soybean meal, gluten meal, dicalcium phosphate, salt.
Eastern States Farmers' Exchange.....	F. 21.93	4.27	58.92	6.40	8.48	9.11	
Springfield, Mass.							
Eastern States Milkmore Dairy Ration....	G. 24.00	4.50	49.00	....	....	8.00	Cottonseed meal, hominy, gluten feed, soybean meal, wheat bran, oats, linseed meal, distillers' grains, molasses, dicalcium phosphate, salt.
Eastern States Farmers' Exchange.....	F. 26.18	5.13	53.64	6.17	8.88	7.06	
Springfield, Mass.							
Eastern States Sixteen Dairy Ration	G. 16.00	4.00	56.00	....	....	8.00	Yellow hominy, wheat bran, mill run screenings, oats, cottonseed meal, gluten feed, linseed meal, distillers' grains, molasses, dicalcium phosphate, salt.
Eastern States Farmers' Exchange	F. 17.69	4.71	61.50	5.51	10.59	7.17	
Springfield, Mass.							
Elmore's Sweet Digesto Dairy Feed	G. 16.00	4.00	....	....	....	12.00	Gluten feed, cottonseed meal, wheat bran, wheat screenings, oat hulls, oat middlings, oat shorts, molasses, salt, cocoanut meal.
Elmore Milling Co.	F. 19.17	4.23	61.28	6.61	8.71	11.04	
Oneonta, N. Y.							
Eshelman Certified 24% Dairy Ration ..	G. 24.00	4.50	49.00	....	....	8.00	Gluten feed, linseed meal, cottonseed meal, hominy feed, oats, soybean meal, wheat bran, distillers' grains, molasses, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F. 25.35	4.56	54.78	6.82	8.49	7.23	
Lancaster, Pa.							
Eshelman Conestoga 20 Dairy Feed	G. 20.00	4.00	55.00	....	....	11.00	Wheat bran, gluten feed, brewers' grains, cottonseed meal, molasses, wheat middlings, soybean meal, linseed meal, oat middlings, oat shorts, oat hulls, wheat screenings, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F. 21.45	4.76	55.81	8.66	9.32	8.66	
Lancaster, Pa.							

Eshelman Lancaster 20 Dairy Feed.....	G.	20.00	4.00	55.00	....	....	11.00	Wheat bran, gluten feed, wheat middlings, brewers' grains, molasses, cottonseed meal, soybean meal, corn feed meal, oats, linseed meal, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F.	20.97	4.32	57.96	6.99	9.76	9.16	
Lancaster, Pa.								
Eshelman Open Formula 20 Dairy Feed	G.	20.00	4.00	53.00	....	....	9.00	Wheat bran, oats, corn meal, linseed meal, gluten feed, cottonseed meal, soybean meal, molasses, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F.	21.27	4.74	57.13	7.11	9.72	7.84	
Lancaster, Pa.								
Cushing's Quality 20% Dairy Feed	G.	20.00	4.00	53.00	....	....	11.00	Wheat bran, brewers' grains, oats, corn meal, linseed meal, gluten feed, cottonseed meal, soybean meal, grain screenings, molasses, bone meal, limestone, salt.
Farm Service Stores	F.	22.24	4.13	56.76	6.82	10.05	9.83	
Fitchburg, Mass								
Cushing's Quality 24% Dairy Feed	G.	24.00	4.00	53.00	....	....	11.00	Wheat bran, brewers' grains, oats, corn meal, linseed meal, gluten feed, cottonseed meal, soybean meal, bone meal, molasses, limestone, salt.
Farm Service Stores	F.	26.36	4.36	52.49	7.01	9.78	8.67	
Fitchburg, Mass								
Flory 22% Dairy Feed	G.	22.00	3.50	46.00	....	....	11.00	Alfalfa meal, cottonseed meal, corn feed meal, buckwheat middlings, oats, malt sprouts, brewers' grains, molasses, calcium carbonate, calcium phosphate, salt.
Flory Milling Co.	F.	21.63	4.31	56.13	9.19	8.44	9.58	
Bangor, Pa.								
Flory's Dairy Feed	G.	24.00	4.50	46.00	....	....	11.00	Cottonseed meal, linseed meal, cocoanut meal, soybean meal, corn gluten feed, corn gluten meal, brewers' grains, corn meal, alfalfa meal, wheat bran, wheat middlings, oats, molasses, calcium carbonate, calcium phosphate, salt.
Flory Milling Co.	F.	24.73	4.61	53.62	8.35	8.66	9.29	
Bangor, Pa.								
Record Dairy Feed	G.	20.00	4.50	48.00	....	....	9.00	Cottonseed meal, soybean meal, gluten feed, gluten meal, wheat middlings, wheat bran, brewers' grains, corn meal, oats, molasses, alfalfa meal, cocoanut meal, calcium carbonate, calcium phosphate, salt.
Flory Milling Co.	F.	22.20	**4.00**	56.16	8.47	8.87	9.14	
Bangor, Pa.								
Grandin's Milk Maker	G.	20.00	5.00	50.00	....	....	12.00	Linseed meal, cottonseed meal, cocoanut meal, gluten feed, wheat bran, wheat middlings, mill run screenings, corn feed meal, hominy feed, beet pulp, bone meal, calcium carbonate, salt.
D. H. Grandin Milling Co.	F.	21.75	5.33	54.87	7.98	10.07	9.77	
Jamestown, N. Y.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Grandin's Sweetened Twin Six Dairy Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. F.	22.00 23.25	5.00 4.61	50.00 53.93	.... 8.06	.... 10.15	12.00 7.90	Linseed meal, cottonseed meal, cocoanut meal, gluten feed, wheat bran, wheat middlings, mill run screenings, corn meal, corn feed meal, hominy feed, alfalfa meal, molasses, bone meal, calcium carbonate, salt.
Grandin's Sweetened 20% Dairy Feed... D. H. Grandin Milling Co. Jamestown, N. Y.	G. F.	20.00 22.72	4.00 4.43	50.00 54.89	.... 7.89	.... 10.07	10.00 7.53	Linseed meal, cottonseed meal, gluten feed, wheat bran, wheat middlings, mill run screenings, corn meal, corn feed meal, hominy feed, molasses, bone meal, calcium carbonate, salt.
M-S 20% Sweet Dairy Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. F.	20.00 21.93	4.00 4.35	50.00 56.18	.... 8.27	.... 9.27	12.00 10.01	Cottonseed meal, gluten feed, linseed meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, grain screenings, oat middlings, oat shorts, oat hulls, molasses, bone meal, calcium carbonate, salt.
M-S 24% Sweet Dairy Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. F.	24.00 26.31	4.00 4.33	50.00 51.96	.... 8.65	.... 8.75	12.00 8.15	Cottonseed meal, gluten meal, linseed meal, wheat bran, wheat middlings, corn feed meal, corn meal, hominy feed, grain screenings, oat middlings, oat hulls, oat shorts, molasses, bone meal, calcium carbonate, salt.
Just Right Dairy Ration Hammond's Grain Store East Jaffrey, N. H.	G. F.	20.00 22.07	4.50 4.58	58.00 55.06	.... 8.65	.... 9.64	10.00 7.99	Gluten feed, oats, corn, wheat bran, linseed meal, cottonseed meal, salt, calcium carbonate, bone meal, locust bean meal.
20% Open Formula Dairy Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. F.	20.00 22.77	4.50 4.89	53.00 56.24	.... 6.12	.... 9.98	8.00 7.74	Wheat bran, hominy, oats, corn gluten feed, cottonseed meal, soybean meal, linseed meal, distillers' grains, molasses, dicalcium phosphate, salt.

Bemis 20% Dairy Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. F.	20.00 21.23	4.00 4.77	55.00 58.04	.... 6.74	.... 9.22	9.00 8.45	Wheat bran, oats, corn meal, linseed meal, gluten feed, cottonseed meal, salt.
Cheshire 24% Dairy Feed E. C. & W. L. Hopkins Greenfield, N. H.	G. F.	24.00 25.26	4.00 4.02	18.00 54.08	.... 7.19	.... 9.45	10.00 9.11	Gluten feed, corn meal, linseed meal, wheat bran, cottonseed meal, malt grains, molasses, barley, calcium carbonate, salt.
Money Maker Sweetened Dairy Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. F.	20.00 21.84	3.50 3.66	50.00 58.07	.... 6.60	.... 9.83	11.00 7.80	Corn meal, gluten feed, cottonseed meal, linseed meal, malt grains, wheat bran, molasses, calcium carbonate, salt.
Trow Dairy Feed E. C. & W. L. Hopkins Greenfield, N. H.	G. F.	18.50 20.10	4.00 5.02	57.00 57.95	.... 6.85	.... 9.78	8.00 7.89	Wheat bran, corn meal, mixed feed, oats, gluten feed, cottonseed meal, molasses, calcium carbonate, salt.
Johnson's Dairy Feed Ralph P. Johnson Potter Place, N. H.	G. F.	16.00 19.96	3.00 1.16	56.00 60.92	.... 4.79	.... 10.17	9.00 7.07	Corn meal, linseed meal, cottonseed meal, oats, wheat bran, gluten feed, salt.
Apex 20% Dairy Ration Kasco Mills Waverly, N. Y.	G. F.	20.00 21.15	4.00 4.00	50.00 56.56	.... 8.69	.... 9.30	12.00 8.44	Soybean meal, cottonseed meal, gluten feed, gluten meal, wheat bran, grain screenings, oat middlings, oat shorts, oat hulls, molasses, salt, calcite.
Beatsall Milk Grains Kasco Mills Waverly, N. Y.	G. F.	22.00 23.38	4.50 4.40	50.00 55.03	.... 7.38	.... 9.81	10.00 7.79	Wheat bran, wheat middlings, mill run screenings, linseed meal, gluten feed, gluten meal, cottonseed meal, soybean meal, hominy feed, salt, calcite, beet pulp, molasses.
Kasco 16% Dairy Feed Kasco Mills Waverly, N. Y.	G. F.	16.00 16.46	4.00 **3.73**	50.00 61.42	.... 9.00	.... 9.39	12.00 9.26	Wheat bran, gluten feed, gluten meal, cottonseed meal, oats, barley, grain screenings, corn meal, oat middlings, oat hulls, oat shorts, molasses, salt, calcite.
Larro The Ready Ration The Larrowe Milling Co. Detroit, Mich.	G. F.	20.00 21.19	4.00 4.03	57.00 60.38	.... 5.58	.... 8.52	12.00 9.34	Cottonseed meal, corn meal, wheat middlings, mill run grain screenings, linseed meal, gluten feed, beet pulp, wheat bran, salt.
B-B Hi-Test Dairy Feed 20% Sweetened Maritime Milling Co. Buffalo, N. Y.	G. F.	20.00 20.62	4.50 **3.93**	50.00 57.14	.... 8.44	.... 9.87	12.00 11.09	Brewers' grains, linseed meal, cottonseed meal, gluten feed, soybean meal, hominy feed, corn meal, oats, grain screenings, wheat bran, molasses, bone meal, calcium carbonate, salt.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
B-B Meadow Sweet Supplemental Dairy Feed	G.	12.00	2.50	....	....	....	15.00	Corn meal, brewers' grains, molasses, wheat bran, alfalfa meal, grain screenings, bone meal, calcium carbonate, salt.
Maritime Milling Co.	F.	12.52	3.12	65.04	8.53	10.79	12.77	
Buffalo, N. Y.								
Bull Brand 20 Dairy Ration Sweetened..	G.	20.00	1.50	55.00	....	....	11.00	Brewers' grains, linseed meal, cottonseed meal, gluten feed, soybean meal, hominy feed, corn meal, wheat bran, wheat middlings, mill run screenings, bone meal, molasses, calcium carbonate, salt.
Maritime Milling Co.	F.	20.18	**3.80**	59.91	6.72	9.39	8.64	
Buffalo, N. Y.								
Dollar Maker 20% Dairy Feed Sweetened	G.	20.00	3.50	50.00	....	....	12.00	Brewers' grains, soybean meal, gluten feed, linseed meal, cottonseed meal, corn meal, hominy feed, wheat bran, mill run screenings, oats, bone meal, molasses, calcium carbonate, salt.
Maritime Milling Co.	F.	23.69	3.83	55.81	7.18	9.49	10.35	
Buffalo, N. Y.								
Dollar Maker 24% Dairy Feed Sweetened	G.	24.00	3.50	50.00	....	....	12.00	Brewers' grains, soybean meal, gluten feed, linseed meal, cottonseed meal, corn meal, hominy feed, wheat bran, mill run screenings, oats, bone meal, molasses, calcium carbonate, salt.
Maritime Milling Co.	F.	24.21	3.86	55.19	7.29	9.45	10.63	
Buffalo, N. Y.								
Merrimack Dairy Ration	G.	20.00	4.00	50.00	....	....	10.00	Gluten feed, linseed meal, cottonseed meal, corn meal, wheat bran, wheat middlings, oats, salt, calcium carbonate, bone meal.
Merrimack Farmers' Exchange	F.	21.63	5.10	56.84	6.92	9.51	7.13	
Concord, N. H.								
Merrimack Dry Cow and Young Stock Ration	G.	14.00	4.00	60.00	....	....	8.00	Oats, corn meal, wheat bran, linseed meal, calcium carbonate, salt, bone meal.
Merrimack Farmers' Exchange	F.	15.76	4.82	62.88	6.96	9.58	6.89	
Concord, N. H.								
Merrimack Eureka Dairy Ration	G.	20.00	4.50	52.00	....	....	11.00	Corn meal, cottonseed meal, wheat bran, gluten feed, oat feed, calcium carbonate, salt.
Merrimack Farmers' Exchange	F.	**19.29**	4.59	59.77	7.62	8.73	11.39	
Concord, N. H.								

Merrimack Milk Ration (Sweetened)	G.	20.00	4.00	54.00	....	....	8.50	Gluten meal, gluten feed, linseed meal, cottonseed meal, brewers' grains, corn meal, hominy feed, oats, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Merrimack Farmers' Exchange	F.	20.10	4.34	57.82	7.19	10.25	6.76	
Concord, N. H.								
Morrill's Dairy Ration	G.	20.00	3.50	50.00	....	....	9.00	Corn gluten feed, linseed meal, oats, cottonseed meal, corn meal, wheat bran, salt, calcium carbonate.
J. H. Morrill	F.	23.12	4.66	56.47	6.26	9.49	7.49	
Laconia, N. H.								
Fitting Ration	G.	12.00	3.50	55.00	....	....	7.00	Linseed meal, oats, corn meal, wheat bran, fish meal, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	14.51	3.58	63.84	6.16	11.88	5.83	
Boston, Mass.								
Manamar 20% Dairy Ration	G.	20.00	4.00	50.00	....	....	9.00	Manamar, gluten feed, linseed meal, cottonseed meal, malt sprouts, wheat bran, wheat middlings, hominy feed, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	22.46	**3.40**	56.11	7.76	10.27	6.44	
Boston, Mass.								
Milk Maid Sweetened 24% Dairy Ration	G.	24.00	4.50	50.00	....	....	11.00	Gluten feed, linseed meal, cottonseed meal, distillers' grains, wheat bran, brewers' grains, malt sprouts, gluten meal, copra meal, corn meal, fish meal, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	24.47	4.29	54.83	7.16	9.25	8.09	
Boston, Mass.								
Top Notch 16% Ration	G.	16.00	3.50	45.00	....	....	12.00	Gluten feed, wheat bran, cottonseed meal, malt sprouts, grain screenings, gluten meal, oat hulls, oat shorts, oat middlings, corn meal, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	17.60	3.50	60.72	8.06	10.12	9.76	
Boston, Mass.								
Yankee 20% Dairy Ration	G.	20.00	3.50	55.00	....	....	9.00	Gluten feed, cottonseed meal, wheat bran, wheat middlings, gluten meal, linseed meal, oats, corn meal, brewers' grains, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	20.78	4.00	58.67	6.71	9.84	7.26	
Boston, Mass.								
Yankee 24% Dairy Ration	G.	24.00	3.50	55.00	....	....	9.00	Gluten feed, cottonseed meal, wheat bran, wheat middlings, gluten meal, linseed meal, oats, corn meal, brewers' grains, soybean meal, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	**22.68**	4.36	56.99	7.39	8.58	8.97	
Boston, Mass.								
Protena 20% Dairy Feed	G.	20.00	3.00	56.00	....	....	14.00	Cottonseed meal, gluten feed, wheat middlings, wheat bran, molasses, iodized salt.
Purina Mills	F.	21.51	4.31	57.31	6.31	10.53	8.67	
St. Louis, Mo.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crud Fiber	
Protena 24% Dairy Feed Purina Mills St. Louis, Mo.	G. F.	24.00 25.35	3.00 4.31	50.00 53.67	.... 7.13	.... 9.54	14.00 10.94	Cottonseed meal, gluten feed, wheat middlings, wheat bran, oat shorts, oat hulls, oat middlings, grain screenings, molasses, iodized salt.
Purina 20% Cow Chow Purina Mills St. Louis, Mo.	G. F.	20.00 22.16	3.00 4.22	57.00 57.40	.... 5.66	.... 10.56	12.00 9.96	Beet pulp, linseed meal, soybean meal, gluten feed, cottonseed meal, wheat middlings, wheat bran, corn meal, alfalfa meal, molasses, salt.
Purina 24% Cow Chow Purina Mills St. Louis, Mo.	G. F.	24.00 25.91	3.00 4.56	52.00 52.21	.... 7.24	.... 10.08	12.00 9.92	Linseed meal, soybean meal, gluten feed, cottonseed meal, wheat middlings, wheat bran, alfalfa meal, molasses, salt.
Purina Fitting Chow Purina Mills St. Louis, Mo.	G. F.	13.50 15.89	2.60 3.85	62.00 63.20	.... 5.85	.... 11.21	12.00 10.56	Linseed meal, soybean meal, wheat bran, molasses, corn, oats, alfalfa meal, salt.
Purina Heifer Growing Chow Purina Mills St. Louis, Mo.	G. F.	14.00 16.29	2.50 3.93	58.00 61.41	.... 7.11	.... 11.26	14.00 13.87	Soybean meal, oats, alfalfa meal, corn, cottonseed meal, wheat bran, molasses, grain screenings, salt.
Rollins Special Open Formula H. E. Rollins New Durham, N. H.	G. F.	20.00 21.36	3.00 2.79	45.00 58.70	.... 7.14	.... 10.01	9.00 7.62	Gluten feed, gluten meal, cottonseed meal, wheat middlings, hominy, brewers' grains, linseed meal, molasses, limestone, bone meal, salt.
Just Right Dairy Ration 20% South End Cash Market Manchester, N. H.	G. F.	20.00 20.97	4.50 4.40	58.00 57.98	.... 6.74	.... 9.91	10.00 10.00	Gluten feed, oats, corn, wheat bran, linseed meal, cottonseed meal, salt, calcium carbonate, bone meal.
Spaulding's Dairy Feed F. B. Spaulding Co. Lancaster, N. H.	G. F.	20.00 23.16	4.00 4.95	50.00 56.89	.... 5.91	.... 9.09	10.00 8.07	Linseed meal, cottonseed meal, gluten feed, corn meal, rye feed, brewers' grains, wheat middlings, mill run screenings, wheat bran, salt, calcium carbonate, molasses.

Champlain Valley Emergency 20 Dairy Ration	G.	20.00	3.50	56.00	....	....	8.50	Wheat bran, wheat middlings, cottonseed meal, soybean meal, linseed meal, gluten meal, gluten feed, brewers' grains, corn meal, hominy feed, oats, molasses, calcium carbonate, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	20.44	4.05	57.69	7.51	10.31	6.35	
Champlain Valley Emergency 24 Dairy Ration	G.	24.00	3.50	53.00	....	....	8.50	Wheat bran, wheat middlings, cottonseed meal, soybean meal, linseed meal, gluten meal, gluten feed, brewers' grains, corn meal, hominy feed, molasses, bone meal, calcium carbonate, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	25.35	3.91	52.42	9.18	9.14	8.50	
Hygrade 20 Milk Ration Sweetened	G.	20.00	3.50	54.00	....	....	8.50	Linseed meal, cottonseed meal, brewers' grains, gluten meal, soybean meal, gluten feed, corn meal, oats, barley, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	20.18	4.09	59.42	6.54	9.77	7.43	
Hygrade 24 Milk Ration Sweetened	G.	24.00	3.50	50.00	....	....	9.00	Gluten meal, gluten feed, linseed meal, cottonseed meal, brewers' grains, corn meal, oats, barley, wheat bran, wheat middlings, bone meal, calcium carbonate, salt, soybean meal, molasses.
St. Albans Grain Co. St. Albans, Vt.	F.	**22.55**	4.08	56.96	7.05	9.36	6.80	
Hygrade Fitting Ration	G.	12.00	4.50	65.00	....	....	8.00	Linseed meal, soybean meal, oats, corn meal, hominy feed, wheat middlings, wheat bran, molasses, bone meal, calcium carbonate, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	13.88	4.69	63.60	7.32	10.51	6.48	
Utility Dairy Ration	G.	20.00	3.50	56.00	....	....	10.50	Linseed meal, soybean meal, gluten feed, cottonseed meal, corn meal, oats, barley, brewers' grains oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, calcium carbonate, molasses, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	22.02	4.10	56.75	8.15	8.98	10.32	
Utility Pasture Ration	G.	14.00	3.00	60.00	....	....	13.00	Gluten meal, gluten feed, linseed meal, cottonseed meal, corn meal, oats, barley, brewers' grains, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, molasses, calcium carbonate, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	17.69	3.77	62.86	6.91	8.74	12.79	
Wirthmore Balanced Ration Sweetened	G.	25.00	4.75	55.00	....	....	8.50	Gluten meal, distillers' grains, linseed meal, brewers' grains, oats, cottonseed meal, gluten feed, corn meal, wheat middlings, wheat bran, bone meal, molasses, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	26.14	4.94	53.43	6.34	9.15	7.99	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Wirthmore 20 Sweetened Dairy Feed....	G. 20.00	4.75	59.00	....	....	8.00	Gluten meal, distillers' grains, linseed meal, brewers' grains, cottonseed meal, gluten feed, corn meal, oats, wheat middlings, wheat bran, bone meal, molasses, salt.
St. Albans Grain Co.	F. 21.80	4.75	58.06	5.84	9.55	7.03	
St. Albans, Vt.							
Strafford County Dairy Feed	G. 18.00	5.00	50.00	....	....	9.00	Wheat bran, corn meal, linseed meal, oats, gluten feed, cottonseed meal, salt, bone meal, molasses.
Strafford County Grain Mill	F. 21.32	4.79	58.70	6.59	8.69	10.84	
Rochester, N. H.							
Stratton's White Clover 20% Dairy Feed	G. 20.00	4.00	50.00	....	....	11.00	Wheat bran, linseed meal, oat hulls, oat shorts, oat middlings, gluten feed, barley, cottonseed meal, grain screenings, molasses, calcium carbonate, salt.
Stratton & Co.	F. 20.84	**3.16**	58.86	7.23	9.91	8.21	
Concord, N. H.							
Just Right Dairy Ration 20%	G. 20.00	4.50	58.00	....	....	10.00	Gluten feed, oats, corn, wheat bran, linseed meal, cottonseed meal, salt, calcium carbonate, bone meal, potassium iodide, anise, oxide iron, sugar, locust bean meal.
B. M. Varrell Grain Co.	F. 22.85	4.62	54.37	9.22	8.91	7.51	
Portsmouth, N. H.							
Eventually Gold Medal Dairy Ration	G. 20.00	4.50	60.00	....	....	8.50	Wheat bran, wheat middlings, mill run grain screenings, oats, corn meal, gluten feed, cottonseed meal, linseed meal, limestone, salt.
Washburn Crosby Co.	F. 22.02	4.71	57.38	7.50	8.39	8.13	
Minneapolis, Minn.							
Blue Seal "20" Dairy Ration	G. 20.00	5.00	54.00	....	....	8.50	Cottonseed meal, hominy feed, malt sprouts, gluten feed, wheat bran, oats, molasses, peanut skins, germs and meal, linseed meal, fish meal, salt.
H. K. Webster Co.	F. 21.54	5.98	57.02	5.84	9.62	8.83	
Lawrence, Mass.							
Blue Seal Hom-Mix 24% Dairy Ration ..	G. 24.00	6.00	52.00	....	....	10.00	Cottonseed meal, gluten meal, malt sprouts, wheat bran, molasses, oat feed, linseed meal, peanut skins, germs and meal, hominy feed, calcium carbonate, salt.
H. K. Webster Co.	F. 24.21	7.26	54.72	5.39	8.42	8.37	
Lawrence, Mass.							

Blue Seal Improved Balanced Ration	G.	24.00	5.00	52.00	....	....	8.50	Cottonseed meal, hominy feed, malt sprouts, gluten meal, wheat bran, oats, molasses, peanut skins, germs and meal, linseed meal, distillers' grains, fish meal, salt.
H. K. Webster Co.	F.	24.39	5.51	55.52	5.73	8.85	8.12	
Lawrence, Mass.								
Blue Seal Special 20% Dairy Ration	G.	20.00	5.50	54.00	....	....	10.00	Cottonseed meal, gluten feed, malt sprouts, wheat bran, molasses, oat feed, linseed meal, peanut skins, germs and meal, hominy feed, calcium carbonate, salt.
H. K. Webster Co.	F.	21.67	**4.67**	56.97	7.36	9.33	10.32	
Lawrence, Mass.								
Whiting 20% Dairy Ration	G.	20.00	4.00	55.00	....	....	11.00	Cottonseed meal, wheat bran, corn meal, linseed meal, oat middlings, oat shorts, oat hulls, corn gluten feed, wheat middlings, molasses, bone meal, salt.
David Whiting & Sons	F.	21.15	4.34	57.60	7.22	9.39	10.61	
Wilton, N. H.								
DOG FEED								
Miller's A-1 Ration Food for Dogs	G.	15.00	1.30	....	....	....	1.30	
Battle Creek Dog Food Co.	F.	17.21	2.64	67.36	5.68	7.11	1.93	
Battle Creek, Mich.								
Dow's Crumpled Dog Food	G.	20.00	5.00	....	....	....	....	
John C. Dow Co.	F.	24.08	5.00	58.75	5.73	6.44	1.47	
Cambridge, Mass.								
FISH MEAL								
Sardine Maine Fish Meal	G.	55.00	1.00	....	....	....	1.00	
Maine Fish Meal Co.	F.	57.66	20.00	....	15.34	6.72	....	
Portland, Me.								
Hygrade Fish Meal	G.	63.00	1.50	....	....	....	1.00	
St. Albans Grain Co.	F.	**61.68**	3.58	....	25.48	9.20	....	
St. Albans, Vt.								
GLUTEN FEED								
Cream of Corn Gluten Feed	G.	25.00	2.00	58.50	....	....	8.50	
American Maize Products Co.	F.	26.62	3.00	58.27	4.69	7.12	....	
New York								
Clinton Corn Gluten Feed	G.	23.00	2.00	57.00	....	....	8.50	
Clinton Corn Syrup Refining Co.	F.	27.19	2.65	55.36	5.38	9.12	....	
Clinton, Iowa								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Buffalo Corn Gluten Feed	G. 25.00	2.00	57.00	....	....	8.50	
Corn Products Refining Co.	F. 27.32	2.89	55.16	6.42	8.21	....	
New York							
Douglas Corn Gluten Feed	G. 25.00	1.50	55.50	....	....	8.50	
Penick & Ford	F. 25.70	1.90	56.66	5.41	10.33	....	
Cedar Rapids, Iowa							
Staley's Corn Gluten Feed	G. 25.00	1.00	53.00	....	....	8.00	
A. E. Staley Mfg. Co.	F. 29.46	2.01	53.42	5.57	9.54	....	
Decatur, Ill.							
Union Corn Gluten Feed	G. 25.00	1.00	50.00	....	....	8.00	
Union Starch & Refining Co.	F. 27.32	2.34	57.23	5.58	7.53	....	
Columbus, Ind.							
GLUTEN MEAL							
Douglass Corn Gluten Meal	G. 43.00	1.00	42.00	....	....	4.00	
Penick & Ford	F. 44.30	1.16	43.87	2.51	8.16	....	
Cedar Rapids, Iowa							
Union Corn Gluten Meal	G. 43.00	1.00	43.00	....	....	3.00	
Union Starch & Refining Co.	F. 45.05	1.10	44.84	1.19	7.82	....	
Columbus, Ind.							
HOG FEED							
Barco Hog Feed	G. 15.00	5.00	57.00	....	....	6.00	Beef scraps, wheat flour middlings, linseed meal, alfalfa leaf meal, bone meal, limestone, salt.
G. N. Bartemus Co.	F. 16.33	5.17	60.50	7.29	10.71	4.41	
Concord, N. H.							
Eastern States Hog Meal	G. 14.50	4.00	58.00	....	....	5.50	Corn meal, meat scraps, wheat flour middlings, linseed meal, alfalfa leaf meal, dicalcium phosphate, calcium carbonate, salt.
Eastern States Farmers' Exchange	F. 15.85	4.99	61.32	7.21	10.63	4.69	
Springfield, Mass.							

Grandin's Pig and Hog Ration	G.	18.00	5.00	50.00	....	....	10.00	Linseed meal, cocoanut meal, wheat middlings, corn meal, mill run screenings, corn feed meal, hominy feed, tankage, calcium carbonate, alfalfa meal, cod liver oil, salt.
D. H. Grandin Milling Co.	F.	20.31	5.65	55.39	9.51	9.11	6.59	
Jamestown, N. Y.								
Merrimack Pig Ration	G.	17.00	5.00	50.00	....	....	7.00	Wheat bran, red dog wheat flour, hominy, corn meal, meat scraps, fish meal, calcium carbonate, charcoal, salt.
Merrimack Farmers' Exchange	F.	19.57	5.74	57.60	7.28	9.81	7.00	
Concord, N. H.								
Blue Seal Pig Feed	G.	15.00	5.00	60.00	....	....	6.00	Hominy feed, wheat middlings, wheat red dog flour, oats, meat scraps, fish meal, calcium carbonate.
H. K. Webster Co.	F.	17.69	5.54	60.08	7.65	9.04	6.23	
Lawrence, Mass.								
HOMINY FEED								
Badger White Hominy Feed	G.	10.00	6.00	....	....	....	5.00	
Chas. A. Krause Milling Co.	F.	10.68	6.86	70.13	2.46	9.87	....	
Milwaukee, Wis.								
Moon's Hominy Feed	G.	10.00	5.00	....	....	....	6.00	
Geo. Q. Moon & Co.	F.	10.55	8.13	70.72	2.32	8.28	....	
Binghamton, N. Y.								
Hominy Feed	G.	10.00	5.00	60.00	....	....	5.00	
Patent Cereals Co.	F.	11.64	6.80	70.01	2.74	8.81	....	
Geneva, N. Y.								
Burt's Hominy Feed	G.	10.00	6.00	65.00	....	....	5.00	
Postum Co.	F.	11.38	7.76	68.49	2.79	9.58	....	
Battle Creek, Mich.								
White Hominy Feed	G.	10.00	5.00	68.00	....	....	6.00	
Pratt Food Co.	F.	10.42	6.05	70.32	2.30	10.91	....	
Buffalo, N. Y.								
Quaker White Hominy Feed	G.	10.00	5.00	69.00	....	....	5.00	
Quaker Oats Co.	F.	10.51	6.52	71.94	2.06	8.97	....	
Chicago, Ill.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs					Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
LINSEED MEAL								
Linseed Meal	G.	37.00	4.50	40.00	....	....	9.00	
Archer-Daniels Midland Co. Minneapolis, Minn.	F.	40.25	4.98	40.06	5.17	9.54	....	
Midland 30% Protein Animal Feed	G.	30.00	5.00	45.00	....	....	10.00	Linseed meal, screenings, oil feed.
Archer-Daniels Midland Co. Minneapolis, Minn.	F.	35.20	5.89	42.91	5.07	10.93	....	
Bisbee Brand Pure Old Process Linseed Meal	G.	34.00	5.00	40.00	....	....	10.00	
Bisbee Linseed Co. Chicago, Ill.	F.	37.95	6.19	39.42	7.06	9.38	....	
Pure Old Process Linseed Meal	G.	34.00	5.00	....	....	....	9.00	
Kelloggs & Miller Amsterdam, N. Y.	F.	38.48	6.11	38.66	7.22	9.53	....	
Minnesota Linseed Meal	G.	34.00	5.00	46.00	....	....	10.00	
Minnesota Linseed Oil Co. Minneapolis, Minn.	F.	37.56	5.38	42.40	5.72	8.94	....	
Linseed Meal	G.	34.00	4.50	42.00	....	....	9.00	
Sherwin-Williams Co. Cleveland, Ohio	F.	36.08	5.11	44.52	5.73	8.56	....	
Kellogg's Linseed Meal	G.	37.00	4.50	42.00	....	....	10.00	
Spencer Kellogg & Sons Buffalo, N. Y.	F.	41.46	5.62	37.74	4.82	10.36	....	
MEAT SCRAPS								
Corenco 45% Meat and Bone Scrap	G.	45.00	6.00	....	....	....	....	
Consolidated Rendering Co. Boston, Mass.	F.	45.96	8.92	....	36.76	6.28	....	

Corenco 50% Meat Scraps	G.	50.00	6.00	....	....	....	....
Consolidated Rendering Co.	F.	53.94	12.12	....	26.94	6.09	....
Boston, Mass.							
Morse's 45% Meat Scraps	G.	45.00	8.00	....	....	....	....
Jas. F. Morse & Co.	F.	46.05	9.86	....	33.72	6.56	....
Somerville, Mass.							
Morse's 55% Meat Scraps	G.	55.00	8.00	....	....	....	....
Jas. F. Morse & Co.	F.	57.35	12.10	....	20.79	7.45	....
Somerville, Mass.							
Brighton Bull Meat Scraps	G.	45.00	8.00	....	....	....	1.00
New England Rendering Co.	F.	50.35	10.87	....	28.87	6.33	....
Brighton, Mass.							
Brighton Fifty Meat Scraps	G.	50.00	8.00	....	....	....	1.00
New England Rendering Co.	F.	51.88	13.92	....	26.13	4.66	....
Brighton, Mass.							
Meat and Bone Scraps	G.	45.00	6.00	....	....	....	....
John Reardon & Sons Co.	F.	45.57	10.51	....	34.39	5.94	....
Cambridge, Mass.							
Meat and Bone Scraps	G.	50.00	6.00	....	....	....	....
John Reardon & Sons Co.	F.	50.04	11.72	....	30.46	5.27	....
Cambridge, Mass.							
Meat Scraps	G.	55.00	6.00	....	....	....	....
John Reardon & Sons Co.	F.	54.66	10.67	....	27.25	6.12	....
Cambridge, Mass.							
MILK PRODUCTS							
Pure Dried Buttermilk	G.	30.00	5.50	....	....	....	....
Consolidated Products Co.	F.	36.42	5.90	42.53	11.63	3.52	....
Danville, Ill.							
Dairylea Dried Skim Milk	G.	33.00	0.50	....	....	....	....
Dairymen's League Co.	F.	35.55	0.61	52.11	8.07	3.66	....
Utica, N. Y.							

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Old Sol Dried Skim Milk	G.	32.00	0.50	....	....	....	....	
General Commodity Corp.	F.	35.77	0.62	51.66	7.97	3.98	....	
Buffalo, N. Y.								
Dried Skim Milk Powder	G.	32.00	0.75	....	....	....	....	
Queensboro Dairy Co.	F.	34.46	1.63	50.99	8.49	4.43	....	
Washington Mills, N. Y.								
Sheffield Skim Milk Powder	G.	32.00	0.50	....	....	....	....	
Sheffield Farms Co.	F.	34.50	1.07	51.59	8.04	4.80	....	
New York City, N. Y.								
Pure Dried Skim Milk Powder	G.	32.00	0.75	45.00	....	....	....	
Vogt's Dairies	F.	35.72	0.94	49.44	7.84	6.06	....	
Delhi, N. Y.								
Peebles Lacto Dried Whey	G.	12.50	0.50	65.00	....	....	0.10	
Western Condensing Co.	F.	12.56	0.64	68.14	14.02	4.64	....	
Eureka, Cal.								
OAT PRODUCTS								
Vigor Feed	G.	5.00	1.00	....	....	....	28.00	Oat middlings, oat shorts, oat hulls, molasses.
Elmore Milling Co.	F.	6.52	2.05	78.23	6.73	6.47	25.01	
Oneonta, N. Y.								
Alpine Ground Feeding Oatmeal	G.	14.00	5.00	....	....	....	3.90	
J. A. Forrest	F.	17.95	5.11	64.69	2.58	9.67	6.12	
Minneapolis, Minn.								
Pulverized Oats	G.	11.50	3.50	64.00	....	....	14.00	
Hales & Hunter Co.	F.	12.47	3.87	70.87	4.49	8.30	10.41	
Chicago, Ill.								

Feeding Oatmeal	G.	15.00	5.00	65.75	....	....	3.75	
New Richmond Roller Mills Co.	F.	17.51	5.36	65.42	2.48	9.23	3.66	
New Richmond, Wis.								
North Star Oatmeal	G.	16.00	6.00	68.50	....	....	3.50	Oat groats.
Quaker Oats Co.	F.	16.24	6.52	67.57	2.09	7.58	2.15	
Chicago, Ill.								
Vim Feed	G.	5.00	2.00	77.00	....	....	30.00	Oat middlings, oat shorts, oat hulls.
Quaker Oats Co.	F.	4.95	1.49	79.94	6.62	7.00	30.84	
Peterborough, Ont.								
Red 3 Feeding Oatmeal	G.	14.50	5.00	60.00	....	....	3.70	
Three Minute Cereals Co.	F.	15.63	5.82	67.31	2.36	8.88	3.29	
East St. Louis, Ill.								
POULTRY FEED								
Empire Egg Mash	G.	16.50	4.00	57.00	....	....	7.00	Buttermilk, skimmed milk, meat scraps, gluten meal, alfalfa meal, wheat bran, wheat middlings, corn meal, oats, limestone, salt, cod liver oil, sardine oil.
Allied Mills, Inc.	F.	16.90	5.77	60.28	6.76	10.29	5.15	
Chicago, Ill.								
Empire Starter and Grower	G.	16.00	3.50	56.00	....	....	6.00	Corn meal, oats, soybean meal, fish meal, meat scraps, wheat middlings, wheat bran, alfalfa meal, skimmed milk, buttermilk, limestone, salt, sardine oil.
Allied Mills	F.	17.08	5.76	58.05	8.65	10.16	5.37	
Chicago, Ill.								
Wayne Breeder Mash	G.	18.00	4.00	52.00	....	....	7.00	Fish meal, meat scraps, buttermilk, skimmed milk, soybean meal, alfalfa meal, wheat bran, corn meal, wheat middlings, oats, crab meal, limestone, salt, cod liver oil, sardine oil.
Allied Mills	F.	20.53	6.00	54.05	10.34	9.08	6.62	
Chicago, Ill.								
Wayne Broiler Ration	G.	18.00	3.50	53.00	....	....	8.00	Buttermilk, skimmed milk, meat scraps, fish meal, corn meal, oats, wheat middlings, wheat bran, soybean meal, alfalfa meal, limestone, salt, cod liver oil, sardine oil.
Allied Mills	F.	19.62	5.77	56.18	8.52	9.91	5.89	
Chicago, Ill.								
Wayne Egg Mash	G.	18.00	3.50	52.00	....	....	7.00	Buttermilk, skimmed milk, meat scraps, fish meal, wheat middlings, wheat bran, corn meal, oatmeal, gluten feed, linseed meal, alfalfa meal, soybean meal, limestone, salt, cod liver oil, sardine oil.
Allied Mills	F.	18.82	5.44	55.13	10.29	10.32	6.15	
Chicago, Ill.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Wayne Mash Concentrate Allied Mills Chicago, Ill.	G. F.	32.00 34.72	4.00 5.17	38.00 32.66	.... 19.11	.... 8.34	8.00 7.12	Buttermilk, skimmed milk, fish meal, peanut meal, meat scraps, soybean meal, gluten meal, gluten feed, alfalfa meal, limestone, salt, sardine oil.
Wayne Poultry Fattener Allied Mills, Inc. Chicago, Ill.	G. F.	13.50 15.02	4.00 4.14	62.00 67.55	.... 3.07	.... 10.22	7.00 6.13	Corn meal, corn germ meal, hominy feed, oats, wheat middlings, wheat red dog flour, linseed meal, salt.
Pennant Brand Growing Feed E. W. Bailey & Co. Montpelier, Vt.	G. F.	15.00 17.31	5.00 5.00	50.00 59.00	.... 8.44	.... 10.22	5.00 5.47	Wheat bran, corn meal, wheat middlings, oat groats, skimmed milk, beef scraps, charcoal, bone meal, alfalfa leaf meal, salt, cod liver meal.
Pennant Brand Laying Mash E. W. Bailey & Co. Montpelier, Vt.	G. F.	20.00 23.42	5.00 **4.73**	50.00 53.55	.... 8.19	.... 10.11	6.00 4.87	Hominy, corn meal, wheat middlings, gluten feed, oats, wheat bran, beef scraps, skimmed milk, alfalfa leaf meal, salt, cod liver oil.
Barco Special Broiler Mash G. N. Bartemus Co. Concord, N. H.	G. F.	17.00 19.30	4.00 4.31	47.00 59.02	.... 7.49	.... 9.88	5.00 3.69	Corn meal, wheat bran, wheat middlings, oat groats, skimmed milk, beef scraps, bone meal, fish meal, alfalfa leaf meal, limestone, salt, cod liver oil.
Barco Special Chick Starter G. N. Bartemus Co. Concord, N. H.	G. F.	14.00 18.91	4.00 5.57	40.00 57.80	.... 7.96	.... 9.76	4.00 5.96	Wheat bran, corn meal, wheat red dog flour, oat groats, skimmed milk, beef scraps, charcoal, bone meal, alfalfa leaf meal, cod liver meal, salt.
Barco Special Growing Feed G. N. Bartemus Co. Concord, N. H.	G. F.	14.00 19.91	5.00 5.41	40.00 55.89	.... 9.23	.... 9.56	5.00 5.00	Wheat bran, wheat red dog flour, oat groats, skimmed milk, beef scraps, charcoal, bone meal, alfalfa meal, salt.

Barco Special Growing Feed with Cod liver oil	G.	14.00	5.00	40.00	....	....	5.00	Wheat bran, wheat red dog flour, oat groats, skimmed milk, beef scraps, charcoal, bone meal, alfalfa meal, salt, cod liver oil.
G. N. Bartemus Co.	F.	18.95	5.05	57.77	8.56	9.67	4.92	
Concord, N. H.								
Barco Special Mash Feed	G.	20.00	5.00	50.00	....	....	6.00	Hominy, gluten feed, wheat middlings, oats, wheat bran, beef scraps, skimmed milk, alfalfa leaf meal, salt.
G. N. Bartemus Co.	F.	24.52	5.07	54.90	7.39	8.12	5.51	
Concord, N. H.								
Barco Special Mash Feed with Cod liver oil	G.	20.00	5.00	50.00	....	....	6.00	Hominy, gluten feed, wheat middlings, oats, wheat bran, beef scraps, skimmed milk, alfalfa leaf meal, salt, cod liver oil.
G. N. Bartemus Co.	F.	21.08	5.32	54.39	7.97	8.24	5.62	
Concord, N. H.								
Beacon Breeders' Mash	G.	20.00	4.00	17.00	....	....	7.00	Skimmed milk, buttermilk, meat scraps, fish meal, alfalfa leaf meal, corn meal, oats, barley, gluten meal, wheat bran, wheat middlings, mill run screenings, soybean meal, linseed meal, cod liver oil, salt, calcium carbonate, calcium phosphate, protozyme.
Beacon Milling Co.	F.	21.71	5.23	52.82	11.08	9.16	5.79	
Cayuga, N. Y.								
Beacon Broiler Feed	G.	17.00	4.00	52.00	....	....	6.00	Skimmed milk, meat scraps, fish meal, corn, oats, barley, wheat bran, mill run screenings, wheat red dog flour, soybean meal, alfalfa leaf meal, cod liver oil, salt, calcium carbonate, calcium phosphate.
Beacon Milling Co.	F.	18.68	5.62	57.98	8.79	8.93	4.53	
Cayuga, N. Y.								
Beacon's Cayuga Growing Mash	G.	16.00	4.00	50.00	....	....	7.00	Skimmed milk, fish meal, meat scraps, linseed meal, oats, corn meal, barley, wheat bran, wheat middlings, mill run screenings, alfalfa leaf meal, cod liver oil, calcium carbonate, calcium phosphate, salt.
Beacon Milling Co.	F.	17.86	6.07	58.24	9.16	8.67	5.90	
Cayuga, N. Y.								
Beacon's Cayuga Laying Mash	G.	20.00	4.00	54.00	....	....	7.00	Buttermilk, skimmed milk, fish meal, meat scraps, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, mill run screenings, soybean meal, barley, gluten meal, oats, cod liver oil, calcium carbonate, calcium phosphate, salt.
Beacon Milling Co.	F.	22.02	5.55	53.36	9.94	9.13	5.69	
Cayuga, N. Y.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Beacon Complete Battery Laying Ration..	G.	15.00	4.00	55.00	....	....	7.00	Skimmed milk, buttermilk, fish meal, meat scraps, alfalfa leaf meal, oats, barley, soy bean meal, gluten meal, wheat bran, wheat middlings, mill run screenings, corn meal, charcoal, salt, cod liver oil, calcium phosphate, calcium carbonate.
Beacon Milling Co.	F.	17.86	4.84	61.17	7.12	9.01	6.84	
Cayuga, N. Y.								
Beacon Egg Mash	G.	22.00	4.50	51.00	....	....	7.00	Buttermilk, skimmed milk, meat scraps, fish meal, gluten meal, soybean meal, linseed meal, barley, oats, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, mill run screenings, cod liver oil, calcium carbonate, calcium phosphate, salt.
Beacon Milling Co.	F.	22.77	5.54	51.62	11.53	8.54	5.99	
Cayuga, N. Y.								
Beacon Fleshing Mash and Crate Fattener	G.	15.00	4.50	55.00	....	....	5.00	Skimmed milk, oats, barley, wheat low grade flour, corn meal, linseed meal, cod liver oil, calcium carbonate, calcium phosphate, salt.
Beacon Milling Co.	F.	17.43	3.77	65.13	5.19	8.48	4.88	
Cayuga, N. Y.								
Beacon Flushing Mash	G.	18.60	1.00	45.00	....	....	5.00	Skimmed milk, corn meal, barley, wheat bran, mill run screenings, anti-rachitic oil.
Beacon Milling Co.	F.	20.88	3.12	63.09	1.80	8.11	2.86	
Cayuga, N. Y.								
Becon Turkey Growing Feed	G.	18.00	4.00	55.00	....	....	7.00	Skimmed milk, alfalfa leaf meal, linseed meal, soybean meal, meat scraps, fish meal, wheat bran, wheat middlings, wheat red dog flour, mill run screenings, oats, barley, corn meal, cod liver oil, calcium carbonate, calcium phosphate, salt.
Beacon Milling Co.	F.	20.75	5.47	54.62	10.57	8.59	5.53	
Cayuga, N. Y.								
Belknap Everlaying Mash	G.	17.00	4.00	50.00	....	....	8.00	Corn meal, wheat bran, wheat middlings, gluten feed, oat meal, meat scraps, fish meal, skimmed milk, alfalfa leaf meal, calcium carbonate, salt, cod liver oil.
Belknap County Farmers' Exchange.....	F.	19.17	5.37	57.99	7.11	10.36	5.89	
Laconia, N. H.								

Bidwell Dry Mash	G.	18.00	3.00	50.00	....	....	8.50	Buttermilk, cod liver oil, alfalfa meal, corn meal, wheat bran, wheat middlings, fish meal, meat, bone, linseed meal, gluten meal, soybean meal, barley, kaffir corn, buckwheat, calcium carbonate, salt.
Black Rock Milling Corp.	F.	20.22	5.37	56.86	8.25	9.30	5.82	
Buffalo, N. Y.								
Just Right Egg Mash	G.	18.00	5.00	63.00	....	....	8.00	Wheat middlings, wheat bran, corn meal, gluten feed, oats, meat scraps, fish meal, charcoal, calcium carbonate, alfalfa meal, skimmed milk, wheat red dog flour, dicalcium phosphate, anise, blood, salt, cod liver oil.
Central Grain Co.	F.	21.10	5.57	54.76	8.78	9.79	5.68	
Franklin, N. H.								
Corson No. 1 Laying Mash	G.	17.00	5.00	57.00	....	....	7.00	Wheat bran, wheat middlings, corn meal, oats, peanut meal, soybean meal, meat scraps, fish scraps, alfalfa leaf meal, skimmed milk, cod liver oil, salt.
Freeman Corson	F.	16.64	5.63	60.06	7.61	10.06	6.72	
Rochester, N. H.								
Cowco All Mash Ration	G.	15.00	4.00	60.00	....	....	5.00	Corn meal, oat groats, wheat bran, wheat middlings, soybean meal, alfalfa leaf meal, meat scraps, fish meal, milk, bone meal, calcium carbonate, salt, cod liver oil.
E. A. Cowee Co.	F.	17.82	5.38	56.52	9.96	10.32	5.12	
Fitchburg, Mass.								
Cowco Laying Mash	G.	20.00	4.00	45.00	....	....	7.50	Wheat bran, wheat middlings, oat meal, gluten feed, linseed meal, meat scraps, fish meal, corn meal, milk, alfalfa meal, soybean meal, bone meal, calcium carbonate, salt.
E. A. Cowee Co.	F.	22.07	5.36	50.01	13.45	9.11	5.50	
Fitchburg, Mass.								
Cowco Sunrise Laying Mash	G.	16.00	3.50	50.00	....	....	8.00	Wheat bran, wheat middlings, corn meal, hominy, oats, gluten feed, soybean meal, meat scraps, alfalfa meal, bone meal, calcium carbonate, salt.
E. A. Cowee Co.	F.	19.73	5.51	52.42	13.35	8.99	7.40	
Fitchburg, Mass.								
Jackson's O. F. Mash	G.	17.00	4.00	52.00	....	....	6.50	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, oyster shell meal, cod liver oil, dicalcium phosphate, salt.
E. A. Cowee Co.	F.	18.12	5.06	56.98	10.54	9.30	6.14	
Fitchburg, Mass.								
Delaware All Mash Chick Starter	G.	15.00	4.00	60.00	....	....	6.00	Cod liver oil, skimmed milk, meat scraps, fish meal, oat meal, linseed meal, alfalfa leaf meal, corn meal, wheat bran, wheat middlings, bone meal, calcium phosphate, charcoal, salt.
Delaware Mills	F.	15.41	5.31	61.63	7.11	10.54	5.47	
Deposit, N. Y.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Delaware Broiler Mash Delaware Mills Deposit, N. Y.	G. 17.00 F. 18.04	5.00 5.00	50.00 58.79	.... 7.89	.... 10.28	6.00 5.19	Cod liver oil, skimmed milk, meat scraps, alfalfa leaf meal, corn meal, wheat bran, wheat middlings, barley, oats, gluten meal, calcium phosphate, salt.
Delaware Growing Mash Delaware Mills Deposit, N. Y.	G. 17.00 F. 18.21	5.00 5.09	55.00 58.23	.... 8.43	.... 10.04	6.00 5.65	Skimmed milk, corn meal, wheat bran, wheat middlings, wheat flour millings, oat meal, wheat meal, gluten feed, alfalfa leaf meal, meat scraps, fish meal, bone meal, linseed meal, calcium phosphate, salt.
Delaware Laying Mash Delaware Mills Deposit, N. Y.	G. 20.00 F. 19.70	5.00 5.54	50.00 59.97	.... 6.01	.... 8.78	6.00 6.40	Skimmed milk, meat scraps, bone meal, fish meal, linseed meal, gluten feed, corn meal, wheat bran, wheat middlings, wheat red dog flour, oat meal, barley, alfalfa leaf meal, calcium phosphate, salt.
Delaware Special Laying Mash Delaware Mills Deposit, N. Y.	G. 18.00 F. 20.57	5.00 5.15	55.00 53.07	.... 10.56	.... 10.65	7.00 6.17	Skimmed milk, meat scraps, fish meal, bone meal, soybean meal, gluten feed, alfalfa meal, wheat bran, wheat middlings, corn meal, barley, oats, calcium phosphate, calcium carbonate, salt.
Delco Laying Mash Delaware Mills Deposit, N. Y.	G. 16.00 F. 16.90	4.00 4.34	50.00 61.24	.... 7.26	.... 10.26	7.50 8.04	Skimmed milk, meat scraps, bone meal, gluten meal, gluten feed, wheat bran, wheat middlings, corn meal, oats, alfalfa meal, calcium phosphate, salt.
Indian Growing Mash Delaware Mills Deposit, N. Y.	G. 15.00 F. 17.12	4.50 5.30	55.00 60.06	.... 7.18	.... 10.34	7.00 5.50	Skimmed milk, meat scraps, fish meal, bone meal, soybean meal, gluten feed, alfalfa meal, wheat bran, wheat middlings, corn meal, barley, oats, calcium phosphate, salt.

All Mash Laying Ration	G.	15.00	4.50	56.00	....	....	6.00	Corn meal, oats, wheat flour middlings, wheat bran, alfalfa leaf meal, buttermilk, meat scraps, fish meal, soybean meal, bone meal, calcium carbonate, salt.
Dietrich & Gambrill	F.	17.73	4.87	58.64	7.34	11.42	4.79	
Frederick, Md.								
Frederick Growing Mash	G.	16.90	4.00	60.00	....	....	8.00	Wheat middlings, wheat bran, oats, corn feed meal, gluten feed, meat scraps, buttermilk, alfalfa leaf meal, bone meal, calcium carbonate, salt.
Dietrich & Gambrill	F.	18.74	5.08	58.23	8.27	9.68	5.23	
Frederick, Md.								
Eastern States Combination Mash	G.	15.00	4.00	57.00	....	....	6.50	Corn meal, wheat bran, mill run screenings, wheat middlings, oats, skimmed milk, alfalfa leaf meal, meat scraps, fish meal, oyster shell meal, dicalcium phosphate, sardine oil, salt.
Eastern States Farmers' Exchange	F.	16.72	4.88	62.55	6.79	9.06	5.31	
Springfield, Mass.								
Eastern States Developer Mash	G.	18.50	4.00	53.00	....	....	6.50	Corn meal, wheat bran, mill run screenings, wheat flour middlings, barley, oats, skimmed milk, soybean meal, alfalfa leaf meal, meat scraps, fish meal, dicalcium phosphate, oyster shell meal, sardine oil, salt.
Eastern States Farmers' Exchange	F.	19.66	5.51	57.17	8.12	9.54	5.53	
Springfield, Mass.								
Eastern States Egg Mash	G.	17.00	4.00	52.00	....	....	6.50	Corn meal, wheat bran, mill run screenings, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, oyster shell meal, sardine oil, dicalcium phosphate, salt.
Eastern States Farmers' Exchange	F.	18.74	5.03	57.60	7.85	10.78	4.72	
Springfield, Mass.								
Eastern States Fattener Mash	G.	14.50	4.50	63.00	....	....	4.50	Corn meal, oat groats, skimmed milk, wheat middlings, wheat red dog flour, soybean meal, salt.
Eastern States Farmers' Exchange	F.	16.99	4.75	65.24	3.17	9.85	4.61	
Springfield, Mass.								
Eastern States Producer Mash	G.	17.00	4.00	53.00	....	....	6.50	Corn meal, wheat bran, mill run screenings, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, skimmed milk, oyster shell meal, sardine oil, dicalcium phosphate, salt.
Eastern States Farmers' Exchange	F.	18.47	5.35	57.08	9.25	9.85	5.29	
Springfield, Mass.								
Eastern States Starting and Broiler Ration	G.	18.50	4.00	53.00	....	....	5.00	Corn meal, wheat bran, mill run screenings, wheat middlings, oat groats, skimmed milk, alfalfa leaf meal, meat scraps, fish meal, oyster shell meal, salt, sardine oil, dicalcium phosphate.
Eastern States Farmers' Exchange	F.	19.52	5.18	57.56	7.91	9.83	4.45	
Springfield, Mass.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Eastern States Turkey Fat	G. 16.00	3.50	57.00	....	....	6.00	Corn meal, wheat bran, wheat flour middlings, oats, skimmed milk, meat scraps, oat groats, alfalfa leaf meal, oyster shell meal, dicalcium phosphate, salt.
Eastern States Farmers' Exchange, Springfield, Mass.	F. 21.32	4.26	58.06	6.92	9.44	4.21	
Elmore Chix Saver	G. 16.50	4.00	55.00	....	....	8.00	Skimmed milk, wheat flour middlings, wheat bran, corn meal, alfalfa leaf meal, oat flour, bone meal, fish meal, cod liver oil, salt.
Elmore Milling Co., Oneonta, N. Y.	F. 19.83	5.35	60.67	5.32	8.83	4.21	
Elmore Complete Starting and Growing Ration	G. 16.00	4.00	55.00	....	....	8.00	Skimmed milk, corn meal, wheat bran, wheat flour middlings, alfalfa leaf meal, fish meal, meat scraps, oat flour, cod liver oil, calcium carbonate, salt.
Elmore Milling Co., Oneonta, N. Y.	F. 18.39	6.06	58.63	6.64	10.28	5.09	
Elmore Egg Maker	G. 17.00	4.50	55.00	....	....	8.00	Buttermilk, bone meal, wheat bran, wheat red dog middlings, corn meal, fish meal, oats, calcium carbonate, salt, cod liver oil.
Elmore Milling Co., Oneonta, N. Y.	F. 20.92	7.15	55.91	6.99	9.03	6.03	
Elmore Egg Mash	G. 18.00	4.00	....	....	....	8.00	Buttermilk, meat scraps, second clear wheat flour, oats, wheat middlings, corn meal, hominy feed, wheat bran, alfalfa leaf meal, calcium carbonate, salt, cod liver oil, fish meal.
Elmore Milling Co., Oneonta, N. Y.	F. 20.97	5.92	56.80	6.92	9.39	6.03	
Eshelman Red Rose Laying Mash	G. 20.00	5.00	50.00	....	....	7.00	Wheat middlings, corn meal, meat scraps, wheat bran, gluten feed, oats, linseed meal, fish meal, hominy feed, alfalfa meal, buttermilk, salt.
John W. Eshelman & Sons, Lancaster, Pa.	F. 22.55	6.09	54.25	8.09	9.02	6.03	
C Laying Mash	G. 15.00	4.00	55.00	....	....	8.50	Corn meal, wheat bran, wheat middlings, oats, meat scraps, bone meal, alfalfa meal, salt.
Farm Service Stores, Fitchburg, Mass.	F. 17.73	4.76	58.09	9.86	9.56	6.27	

Cushing's Quality Laying Mash	G.	20.00	5.00	45.00	....	....	7.00	Wheat middlings, wheat bran, corn feed meal, oats, alfalfa meal, gluten feed, linseed meal, meat scraps, fish meal, buttermilk, skimmed milk, limestone, bone meal, salt.
Farm Service Stores	F.	21.41	5.25	52.90	10.56	9.88	6.13	
Fitchburg, Mass.								
Quality Baby Chick Starter	G.	16.00	4.00	60.00	....	....	6.00	Oat meal, corn meal, wheat bran, wheat middlings, alfalfa leaf meal, buttermilk, fish scrap, linseed meal, bone meal, calcium carbonate.
Farm Service Stores	F.	19.26	4.17	58.51	8.11	9.62	5.30	
Fitchburg, Mass.								
Flory's All Mash Growing Ration	G.	17.00	4.00	50.00	....	....	7.00	Corn meal, buttermilk, tomato pulp, oats, barley, wheat middlings, wheat bran, gluten meal, meat meal, fish meal, crab meal, soybean meal, linseed meal, calcium carbonate, calcium phosphate, salt.
Flory Milling Co.	F.	19.22	5.25	60.32	5.94	9.27	5.34	
Bangor, Pa.								
Golden Egg Laying Mash	G.	20.00	4.00	48.00	....	....	7.00	Buttermilk, beef scraps, fish meal, crab meal, tomato pulp, linseed meal, soybean meal, corn meal, wheat middlings, barley, wheat bran, oats, alfalfa meal, gluten meal, buckwheat middlings, cocoanut meal, cod liver oil, calcium carbonate, calcium phosphate, salt.
Flory Milling Co.	F.	20.97	5.76	55.64	9.37	8.26	7.78	
Bangor, Pa.								
Grandin's Complete Laying Ration	G.	15.00	4.00	50.00	....	....	7.00	Buttermilk, cod liver oil, meat scraps, fish meal, gluten meal, alfalfa meal, corn meal, hominy feed, barley, oats, wheat bran, wheat middlings, mill run screenings, calcium carbonate, salt.
D. H. Grandin Milling Co.	F.	16.59	4.55	61.41	6.47	10.98	5.13	
Jamestown, N. Y.								
Grandin's Laying Mash with Cod liver oil	G.	20.00	4.00	50.00	....	....	8.00	Fish meal, meat scraps, gluten feed, gluten meal, wheat bran, wheat middlings, mill run screenings, corn meal, corn feed meal, hominy feed, oats, buttermilk, alfalfa meal, calcium carbonate, cod liver oil, salt.
D. H. Grandin Milling Co.	F.	22.97	4.80	50.05	12.99	9.19	5.44	
Jamestown, N. Y.								
Grandin's Laying Mash	G.	20.00	4.00	50.00	....	....	8.00	Fish meal, meat scraps, gluten feed, gluten meal, wheat bran, wheat middlings, mill run screenings, corn meal, corn feed meal, hominy feed, oats, buttermilk, alfalfa meal, calcium carbonate, salt.
D. H. Grandin Milling Co.	F.	22.20	4.83	51.24	12.02	9.71	5.62	
Jamestown, N. Y.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Just Right Egg Mash Hammond's Grain Store East Jaffrey, N. H.	G. 18.00 F. 21.10	5.00 4.51	63.00 55.15	.... 9.70	.... 9.54	8.00 7.79	Wheat middlings, wheat bran, corn meal, gluten feed, oats, meat scraps, fish meal, charcoal, calcium carbonate, alfalfa meal, skimmed milk, wheat red dog flour, dicalcium phosphate, blood, cod liver oil.
Cheshire County Mash E. C. & W. L. Hopkins Co. Greenfield, N. H.	G. 18.00 F. 20.09	4.00 5.25	50.00 54.97	.... 10.41	.... 9.28	5.00 5.60	Wheat bran, corn meal, corn gluten feed beef scraps, wheat middlings, oats, alfalfa leaf meal, calcium carbonate, salt.
Granite State Egg Mash E. C. & W. L. Hopkins Co. Greenfield, N. H.	G. 19.00 F. 19.84	4.00 5.67	50.00 52.27	.... 12.46	.... 9.76	4.50 5.81	Oat meal, corn meal, wheat middlings, wheat bran, barley meal, meat scraps, alfalfa leaf meal, milk, manamar, calcium carbonate, salt.
Granite State Growing Mash E. C. & W. L. Hopkins Co. Greenfield, N. H.	G. 17.00 F. 18.09	3.50 5.03	58.00 57.21	.... 9.89	.... 9.78	6.50 6.01	Corn meal, wheat bran, wheat red dog flour, wheat middlings, oats, barley, alfalfa leaf meal, manamar, beef scraps, milk, salt.
Granite State Starter E. C. & W. L. Hopkins Co. Greenfield, N. H.	G. 16.00 F. 18.95	4.00 5.15	50.00 56.25	.... 10.27	.... 9.38	5.50 6.24	Corn meal, wheat bran, wheat middlings, wheat red dog flour, oats, manamar, milk, beef scraps, charcoal, alfalfa leaf meal, cod liver oil.
New Hampshire Laying Mash E. C. & W. L. Hopkins Co. Greenfield, N. H.	G. 17.00 F. 18.87	4.00 4.85	55.00 56.79	.... 9.81	.... 9.68	5.00 6.27	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, milk, fish meal, alfalfa leaf meal, calcium carbonate, salt.
Jersee Food Compound Jersee Co. Minneapolis, Minn.	G. 18.00 F. 18.08	4.00 3.37	52.00 62.25	.... 4.36	.... 11.94	2.00 1.26	Skimmed milk, wheat red dog flour, dicalcium phosphate, anise, blood, salt, yeast.
Johnson's Mash Feed Ralph P. Johnson Potter Place, N. H.	G. 19.00 F. 20.22	4.25 4.96	55.00 56.03	.... 9.31	.... 9.48	7.00 5.45	Corn meal, oats, wheat middlings, wheat bran, meat scraps, calf meal, gluten feed, alfalfa meal, charcoal, milk, calcite flour, bone meal, salt.

Apex Complete Growing Mash Kasco Mills Waverly, N. Y.	G. F.	14.00 16.51	4.00 4.94	55.00 60.53	.... 7.89	.... 10.13	8.50 5.89	Wheat bran, wheat middlings, mill run screenings, corn meal, linseed meal, oats, meat scraps, bone meal, fish meal, skimmed milk, salt, calcite, cod liver oil, alfafa meal.
Apex Laying Mash Kasco Mills Waverly, N. Y.	G. F.	20.00 22.51	4.00 5.77	50.00 52.16	.... 10.32	.... 9.24	8.50 6.43	Wheat bran, wheat middlings, mill run screenings, corn meal, linseed meal, soybean meal, oats, meat scraps, bone meal, fish meal, skimmed milk, salt, calcite, cod liver oil, alfalfa meal.
Kasco All Mash Growing Food Kasco Mills Waverly, N. Y.	G. F.	14.00 17.74	4.00 5.85	55.00 59.60	.... 7.13	.... 9.68	5.50 4.59	Wheat red dog flour, oat meal, wheat middlings, wheat bran, mill run screenings, corn meal, meat scraps, fish meal, bone meal, linseed meal, skimmed milk, salt, calcite, cod liver oil, alfalfa leaf meal.
Kasco All Mash Laying Food Kasco Mills Waverly, N. Y.	G. F.	15.00 16.64	4.00 5.58	55.00 61.24	.... 6.32	.... 10.22	6.00 4.99	Wheat bran, wheat middlings, mill run screenings, corn meal, linseed meal, soybean meal, oat meal, barley, wheat red dog flour, meat scraps, bone meal,, fish meal, skimmed milk, salt, calcite, cod liver oil, alfalfa meal.
Kasco Laying Mash Kasco Mills Waverly, N. Y.	G. F.	20.00 22.55	4.00 5.73	50.00 52.13	.... 9.83	.... 9.46	6.50 5.76	Wheat bran, wheat middlings, mill run screenings, corn meal, linseed meal, soybean meal, oat meal, wheat red dog flour, meat scraps, bone meal, fish meal, skimmed milk, salt, calcite, cod liver oil, alfalfa meal.
Kasco Poultry Flushing Mash Kasco Mills Waverly, N. Y.	G. F.	17.00 19.22	4.00 5.39	55.00 56.03	.... 10.73	.... 8.63	5.50 5.01	Wheat red dog flour, oat meal, wheat middlings, wheat bran, mill run screenings, corn meal, meat scraps, fish meal, bone meal, linseed meal, milk sugar feed, salt, calcite, cod liver oil, alfalfa leaf meal.
Kasco Turkey Starter and Grower Kasco Mills Waverly, N. Y.	G. F.	20.00 21.58	4.00 5.13	55.00 53.87	.... 10.71	.... 8.71	8.00 6.88	Wheat bran, wheat middlings, mill run screenings, linseed meal, corn meal, oats, meat scraps, bone meal, skimmed milk, fish meal, soybean meal, salt, calcite, cod liver oil, alfalfa meal.
Larro Egg Mash Larrowe Milling Co. Detroit, Mich.	G. F.	19.00 20.71	5.00 5.37	52.50 54.27	.... 11.12	.... 8.53	7.50 5.28	Oat meal, wheat middlings, mill run grain screenings, corn meal, alfalfa meal, wheat bran, meat scraps, buttermilk, skimmed milk, cod liver oil, limestone, salt.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Larro Growing Mash Larrowe Milling Co. Detroit, Mich.	G. F.	16.00 16.24	4.50 5.07	56.50 61.01	.... 8.69	.... 8.99	6.50 5.31	Corn meal, oat meal, wheat bran, wheat middlings, mill run grain screenings, meat scraps, buttermilk, skimmed milk, alfalfa meal, cod liver oil, limestone, salt.
B-B Daisy Egg Mash Maritime Milling Co. Buffalo, N. Y.	G. F.	18.00 20.22	3.50 6.14	55.00 54.70	.... 9.71	.... 9.23	7.00 6.86	Cod liver oil, buttermilk, alfalfa meal, wheat bran, wheat middlings, mill run screenings, soybean oil meal, corn meal, barley, oats, meat meal, fish meal, bone meal, calcium carbonate, salt.
Bull Brand Laying Mash Maritime Milling Co. Buffalo, N. Y.	G. F.	20.00 19.75	4.50 5.81	50.00 54.64	.... 9.94	.... 9.86	7.00 6.99	Cod liver oil, buttermilk, alfalfa meal, wheat bran, wheat middlings, mill run screenings, soybean meal, corn meal, oat meal, meat meal, fish meal, bone meal, calcium carbonate, salt.
Dollar Maker Egg Mash Maritime Milling Co. Buffalo, N. Y.	G. F.	17.00 17.55	3.50 5.76	50.00 57.32	.... 9.86	.... 9.51	9.00 7.00	Cod liver oil, buttermilk, alfalfa meal, wheat bran, wheat middlings, mill run screenings, soybean meal, corn meal, barley, oats, meat meal, bone meal, calcium carbonate, salt.
Merrimack Laying Mash Merrimack Farmers' Exchange Concord, N. H.	G. F.	17.90 18.83	4.25 5.02	50.00 57.14	.... 8.98	.... 10.03	5.00 5.14	Corn meal, wheat bran, wheat middlings, oats, alfalfa leaf meal, fish meal, milk, meat scraps, bone meal, calcium carbonate, salt.
Merrimack Special Egg Mash Merrimack Farmers' Exchange Concord, N. H.	G. F.	18.00 20.31	5.00 5.41	50.00 54.55	.... 9.55	.... 10.18	8.00 5.49	Corn meal, oats, wheat bran, wheat middlings, meat scraps, fish meal, alfalfa, calcite flour, salt.
Merrimack Super Mash Merrimack Farmers' Exchange Concord, N. H.	G. F.	18.00 19.11	5.00 5.46	50.00 57.83	.... 7.55	.... 9.72	5.00 5.31	Corn meal, oat groats, wheat middlings, wheat bran, alfalfa leaf meal, meat scraps, fish meal, milk, bone meal, salt, calcium carbonate, cod liver oil.

Broiler Ration	G.	16.00	3.50	50.00	....	....	5.00	Buttermilk, cod liver oil, corn meal, barley, oats, wheat bran, wheat middlings, meat scraps, fish meal, linseed meal, alfalfa leaf meal, calcium carbonate, salt.
Park & Pollard Co.	F.	18.43	4.98	60.55	6.78	9.26	5.24	
Boston, Mass.								
Growing Feed	G.	14.00	3.00	50.00	....	....	7.00	Buttermilk, cod liver oil, alfalfa leaf meal, fish meal, linseed meal, meat and bone meal, wheat bran, wheat middlings, oats, barley, corn, calcium carbonate, salt.
Park & Pollard Co.	F.	17.12	5.46	60.45	7.48	9.19	5.58	
Boston, Mass.								
Lay or Bust Dry Mash	G.	18.00	3.00	50.00	....	....	7.00	Buttermilk, cod liver oil, alfalfa leaf meal, gluten meal, fish meal, meat scraps, linseed meal, soybean meal, wheat bran, wheat middlings corn, oats, barley, kaffir corn, buckwheat, calcium carbonate, salt.
Park & Pollard Co.	F.	20.49	5.21	54.76	9.68	9.86	5.44	
Boston, Mass.								
Manamar Complete Ration	G.	16.00	3.50	55.00	....	....	6.00	Kelp, fish meal, sea shells, meat scraps, wheat bran, wheat middlings, alfalfa meal, corn meal, oats, cod liver oil.
Park & Pollard Co.	F.	18.87	5.25	57.99	7.58	10.31	6.67	
Boston, Mass.								
Turkey Grower	G.	15.00	3.00	50.00	....	....	7.00	Corn meal, barley, oats, wheat bran, wheat middlings, alfalfa leaf meal, fish meal, meat and bone meal, buttermilk, calcium carbonate, salt.
Park & Pollard Co.	F.	16.64	4.94	62.36	6.63	9.43	5.76	
Boston, Mass.								
Purina All Mash Egg Chowder	G.	15.50	3.50	55.00	....	....	8.00	Buttermilk, cod liver oil, meat scraps, soybean meal, alfalfa meal, wheat middlings wheat bran, corn meal, salt, calcium carbonate.
Purina Mills	F.	16.86	5.25	57.23	10.27	10.39	4.76	
St. Louis, Mo.								
Purina Breeder Egg Chowder	G.	19.00	3.50	52.00	....	....	8.00	Buttermilk, cod liver oil, alfalfa meal, meat scraps, soybean meal, linseed meal, corn germ meal, wheat middlings, wheat bran, corn meal, salt, calcium carbonate.
Purina Mills	F.	21.36	5.58	53.63	9.59	9.84	7.63	
St. Louis, Mo.								
Purina Chick Startena	G.	18.00	4.00	53.00	....	....	7.00	Buttermilk, cod liver oil, sardine oil, meat scraps, fish meal, alfalfa leaf meal, wheat germ meal, linseed meal, corn germ meal, oat middlings, corn meal, wheat bran, wheat middlings, calcium carbonate, salt.
Purina Mills	F.	19.92	5.92	56.32	7.35	10.49	5.18	
St. Louis, Mo.								
Purina Chicken Fatena Chow	G.	12.00	3.00	64.60	....	....	6.60	Corn, oats, corn germ meal, second clear wheat flour, wheat middlings, barley, linseed meal, salt, calcium carbonate.
Purina Mills	F.	11.84	5.66	67.17	2.90	9.43	6.05	
St. Louis, Mo.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Purina Lay Chow Purina Mills St. Louis, Mo.	G. 17.00 F. 20.36	2.50 5.45	54.00 53.22	.... 11.01	.... 9.96	8.00 5.96	Cod liver oil, buttermilk, soybean meal, meat scraps, molasses, alfalfa meal, corn meal, wheat middlings, wheat bran, salt, calcium carbonate.
Purina Layena All Mash Purina Mills St. Louis, Mo.	G. 15.50 F. 16.37	3.50 5.32	55.00 56.72	.... 10.57	.... 11.02	8.00 5.09	Buttermilk, cod liver oil, sardine oil, meat scraps, soybean meal, alfalfa meal, wheat middlings, wheat bran, beet pulp, corn meal, salt, calcium carbonate.
Quaker Ful-O-Pep Chick Starter Quaker Oats Co. Chicago, Ill.	G. 17.00 F. 16.37	5.00 6.12	57.00 62.54	.... 6.72	.... 8.25	7.00 5.61	Oat meal, hominy feed, wheat bran, wheat middlings, fish meal, cod liver meal, meat scraps, cod liver oil, skimmed milk, buttermilk, molasses, alfalfa meal, bone meal, salt.
Quaker Ful-O-Pep Egg Mash Quaker Oats Co. Chicago, Ill.	G. 20.00 F. 20.09	4.50 6.62	53.00 56.57	.... 8.19	.... 8.53	8.00 6.31	Oat meal, hominy feed, wheat bran, wheat middlings, barley meal, fish meal, cod liver meal, meat scraps, sardine oil, skimmed milk, buttermilk, molasses, alfalfa meal, salt.
Quaker Ful-O-Pep Growing Mash Quaker Oats Co. Chicago, Ill.	G. 19.00 F. 19.09	5.00 6.66	53.00 58.13	.... 7.29	.... 8.83	6.00 5.67	Oat meal, hominy feed, wheat bran, wheat middlings, barley meal, fish meal, cod liver meal, meat scraps, sardine oil, skimmed milk, buttermilk, molasses, alfalfa meal, bone meal, salt.
Just Right Egg Mash South End Cash Market Manchester, N. H.	G. 18.00 F. 19.31	5.00 4.92	63.00 58.28	.... 7.34	.... 10.15	8.00 7.80	Wheat middlings, wheat bran, corn meal, gluten feed, oats, meat scraps, fish meal, charcoal, calcium carbonate, alfalfa meal, skimmed milk, whet red dog flour, dicalcium phosphate, anise, blood, salt, yeast, cod liver oil.

Just Right Growing Mash	G.	17.00	5.00	59.00	....	....	6.00	Wheat middlings oat meal, corn meal, alfalfa meal, meat scraps, fish meal, bone meal, charcoal, calcium carbonate, skimmed milk, wheat red dog flour, dicalcium phosphate, anise, blood, salt, yeast, cod liver oil.
South End Cash Market	F.	17.00	4.77	60.11	7.32	10.80	5.29	
Manchester, N. H.								
Crosby's Laying Mash	G.	20.00	4.00	50.00	....	....	7.00	Buttermilk, skimmed milk, beef scraps, fish meal, corn meal, alfalfa leaf meal, linseed meal, gluten feed, wheat bran, wheat middlings, oats, barley, buckwheat, milo maize, calcium carbonate, salt.
St. Albans Grain Co.	F.	**19.27**	4.67	57.10	9.30	9.66	4.51	
St. Albans, Vt.								
Wirthmore Baby Chick Starter	G.	18.00	4.00	58.00	....	....	5.00	Cod liver meal, buttermilk, skimmed milk, alfalfa leaf meal, fish meal, beef scraps. wheat bran, wheat middlings, oats, wheat, corn meal, corn germ meal, calcium carbonate, salt.
St. Albans Grain Co.	F.	18.74	5.07	59.28	6.74	10.17	4.68	
St. Albans, Vt.								
Wirthmore Breeder Mash	G.	20.00	4.50	50.00	....	....	7.00	Cod liver oil, buttermilk, skimmed milk, meat scraps, fish meal, corn meal, corn germ meal, alfalfa leaf meal, linseed meal, gluten meal, wheat bran, wheat middlings, oats, barley, calcium carbonate, salt.
St. Albans Grain Co.	F.	21.28	4.72	56.75	7.27	9.98	5.68	
St. Albans, Vt.								
Wirthmore Complete Ration for Layers	G.	15.00	4.00	60.00	....	....	5.00	Cod liver oil, skimmed milk, beef scraps, fish meal, oats, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, calcium carbonate, salt.
St. Albans Grain Co.	F.	15.63	4.67	63.15	6.61	9.94	3.87	
St. Albans, Vt.								
Wirthmore Growing Mash	G.	15.00	4.50	55.00	....	....	6.00	Cod liver oil, buttermilk, skimmed milk, beef scraps, fish meal, corn meal, alfalfa leaf meal, linseed meal, oats, barley, milo maize, wheat bran, wheat middlings, wheat red dog flour, calcium carbonate, salt.
St. Albans Grain Co.	F.	15.41	4.56	63.49	5.06	10.18	5.66	
St. Albans, Vt.								
Wirthmore Laying Mash	G.	20.00	4.00	50.00	....	....	7.00	Buttermilk, skimmed milk, beef scraps, fish meal, corn meal, alfalfa leaf meal, linseed meal, gluten feed, wheat bran, wheat middlings, oats, barley, buckwheat, milo maize, calcium carbonate, salt.
St. Albans Grain Co.	F.	20.79	4.65	56.93	8.05	9.56	4.89	
St. Albans, Vt.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Wirthmore Laying Mash St. Albans Grain Co. St. Albans, Vt.	G. F.	20.00 22.07	4.00 4.99	50.00 54.84	.... 8.79	.... 9.31	7.00 5.01	Cod liver oil, buttermilk, skimmed milk, beef scraps, fish meal, corn meal, alfalfa leaf meal, linseed meal, gluten feed, wheat bran, wheat middlings, barley, oats, buckwheat, milo maize, calcium carbonate, salt.
Strafford County Mash Strafford County Grain Mill Rochester, N. H.	G. F.	17.00 21.58	5.00 **4.74**	57.00 54.23	.... 10.06	.... 9.39	10.00 7.52	Wheat bran, wheat middlings, oats, corn meal, gluten feed, meat scraps, hominy, cod liver oil, molasses, milk, fish.
Patten's Mash Stratton & Co. Concord, N. H.	G. F.	17.00 **15.50**	4.50 5.39	50.00 61.25	.... 7.84	.... 10.02	5.00 5.24	Corn meal, wheat bran, wheat middlings, oats, meat scraps, alfalfa leaf meal, skimmed milk, oyster shells, salt, cod liver oil.
Just Right Egg Mash B. M. Varrell Grain Co. Portsmouth, N. H.	G. F.	18.00 20.88	5.00 **4.69**	63.00 55.40	.... 10.21	.... 8.82	3.00 7.66	Wheat middlings, wheat bran, corn meal, corn gluten feed, oats, meat scraps, fish meal, charcoal, limestone, alfalfa meal, skimmed milk, wheat red dog flour, dicalcium phosphate, anise, dried blood, yeast, iodized salt, cod liver oil.
Eventually Gold Medal Egg Mash Washburn Crosby Co. Minneapolis, Minn.	G. F.	20.00 22.02	5.00 5.89	53.50 53.52	.... 9.36	.... 9.21	7.00 5.52	Corn meal, gluten feed, alfalfa meal, meat scraps, salt, wheat middlings, grain screenings, wheat red dog flour, oat groats, linseed meal, buttermilk, limestone, cod liver oil.
Blue Seal Improved All Mash Ration H. K. Webster Co. Lawrence, Mass.	G. F.	15.00 15.93	4.50 4.83	55.00 61.52	.... 7.41	.... 10.31	4.00 3.89	Corn, wheat, oats, wheat bran, wheat middlings, meat scraps, skimmed milk, buttermilk, alfalfa leaf meal, molasses, bone meal, salt, cod liver meal.
Blue Seal Laying Mash H. K. Webster Co. Lawrence, Mass.	G. F.	20.00 20.79	3.50 4.82	54.00 55.38	.... 8.33	.... 10.68	6.00 4.19	Corn meal, wheat bran, oats, meat scraps, gluten meal, wheat middlings, barley, wheat meal, molasses, alfalfa leaf meal, skimmed milk, buttermilk, cod fish meal, salt, calcium carbonate, cod liver oil.

Whiting All Mash Laying David Whiting & Sons Wilton, N. H.	G. F.	15.00 15.72	4.00 5.00	60.00 62.21	.... 6.64	.... 10.43	5.00 5.23	Corn meal, wheat bran, wheat red dog flour, oat groats, alfalfa leaf meal, skimmed milk, meat scraps, fish meal, calcium carbonate, salt.
Whiting Chick Starter David Whiting & Sons Wilton, N. H.	G. F.	17.50 19.53	4.00 4.74	55.00 55.91	.... 9.84	.... 9.98	4.00 4.31	Corn meal, wheat bran, wheat flour middlings, oat groats, meat scraps, milk, fish meal, alfalfa leaf meal, calcium carbonate, salt, cod liver oil.
Whiting Growing Mash David Whiting & Sons Wilton, N. H.	G. F.	17.50 19.09	4.00 4.72	55.00 56.79	.... 9.55	.... 9.85	4.00 5.69	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, milk, fish meal, alfalfa leaf meal, calcium carbonate, salt, cod liver oil.
Whiting Laying Mash David Whiting & Sons Wilton, N. H.	G. F.	17.00 18.30	4.00 5.14	55.00 57.06	.... 9.78	.... 9.72	5.00 6.91	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, milk, fish meal, alfalfa leaf meal, calcium carbonate, salt, cod liver oil.
Whiting Special Mash David Whiting & Sons Wilton, N. H.	G. F.	18.00 20.73	4.00 5.11	50.00 55.35	.... 9.43	.... 9.38	5.00 5.83	Wheat bran, corn meal, corn gluten feed, beef scraps, wheat middlings, oats, alfalfa leaf meal, calcium carbonate, salt, milk, cod liver oil.
SOYBEAN OIL MEAL								
Shellabarger's Soybean Oil Meal Shellabarger Grain Products Co. Decatur, Ill.	G. F.	11.00 42.91	1.50 5.54	35.00 36.92	.... 5.87	.... 8.76	7.00	
Staley's Soybean Oil Meal A. E. Staley Mfg. Co. Decatur, Ill.	G. F.	41.00 41.68	4.50 6.22	36.00 38.85	.... 5.96	.... 7.29	7.90	
STOCK FEED								
Empire Stock Feed Allied Mills Chicago, Ill.	G. F.	9.00 10.68	3.00 3.20	62.00 69.12	.... 6.49	.... 10.51	12.00 8.45	Brewers' grains, oat hulls, oat shorts, oat middlings, corn meal, grain screenings, molasses, salt, limestone.
Pennant Brand Stock Feed E. W. Bailey & Co. Swanton, Vt.	G. F.	9.50 10.85	4.00 5.76	70.00 70.25	.... 3.98	.... 9.16	9.50 9.91	Hominy, oat middlings, oat hulls, oat shorts, linseed meal, barley, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Barco Stock Feed G. N. Bartemus Co. Concord, N. H.	G. 9.50 F. 11.25	4.50 5.37	70.00 71.24	.... 3.07	.... 9.07	9.50 8.92	Hominy, oat middlings, oat hulls, oat shorts, linseed meal, barley.
Concord Stock Feed G. N. Bartemus Co. Concord, N. H.	G. 7.50 F. 8.23	2.80 4.42	70.00 74.05	.... 4.60	.... 8.70	14.45 13.52	Hominy, oat middlings, oat hulls, oat shorts, salt.
Cayuga Stock Feed Beacon Milling Co. Cayuga, N. Y.	G. 15.00 F. 15.32	3.50 3.82	55.00 65.49	.... 6.00	.... 9.37	9.00 7.13	Cottonseed meal, gluten feed, oats, barley, brewers' grains, corn meal, wheat middlings, molasses, grain screenings, salt, calcium carbonate, soybean meal.
Coweco Stock Feed E. A. Cowee Co. Fitchburg, Mass.	G. 9.00 F. 10.28	4.00 5.05	45.00 70.46	.... 5.76	.... 8.45	11.00 9.15	Oats, hominy, corn meal, oat feed, calcium carbonate, salt.
Delaware White Stock Feed Delaware Mills, Inc. Deposit, N. Y.	G. 9.00 F. 10.20	3.00 5.27	50.00 72.49	.... 3.56	.... 8.48	12.00 10.13	Corn meal, hominy feed, wheat middlings, barley, kaffir corn, oat middlings, oat hulls, oat shorts, salt, calcium phosphate.
Elmore Stock Feed Elmore Milling Co. Oneonta, N. Y.	G. 10.00 F. 10.00	3.00 5.66	60.00 72.75	.... 3.93	.... 7.66	12.00 11.53	Corn meal, hominy feed, oat middlings, oat hulls, oat shorts, salt.
Quality Stock Feed Farm Service Stores Fitchburg, Mass.	G. 9.00 F. 8.69	3.00 3.66	50.00 74.15	.... 4.97	.... 8.23	12.00 15.01	Hominy, corn meal, barley, oat feed, red dog wheat flour, grain screenings, salt.
Record Stock Feed Flory Milling Co. Bangor, Pa.	G. 9.00 F. 13.13	3.50 4.43	62.00 66.17	.... 6.88	.... 9.09	12.00 7.86	Corn feed meal, white hominy, linseed meal, rye middlings, barley, oats, molasses, oat middlings, oat hulls, oat shorts, calcium carbonate, calcium phosphate, calcium sulphate, salt.

Grandin's Stock Food	G.	8.50	4.00	55.00	....	....	12.00	Corn meal, corn feed meal, hominy feed, wheat middlings, mill run screenings, barley, oat middlings, oat hulls, oat shorts.
D. H. Grandin Milling Co.	F.	10.20	4.50	72.13	4.11	9.06	10.64	
Jamestown, N. Y.								
Granite State Stock Feed	G.	9.00	5.00	60.00	....	....	10.00	Hominy, wheat red dog flour, oat middlings, oat hulls, oat shorts, salt.
E. C. & W. L. Hopkins, Inc.	F.	10.55	5.38	71.75	3.88	8.44	9.09	
Greenfield, N. H.								
Bull Brand Stock Feed	G.	9.00	3.50	60.00	....	....	12.00	Hominy feed, corn feed meal, wheat bran, oat hulls, oat shorts, salt, wheat bran, mill run screenings.
Maritime Milling Co.	F.	9.81	5.02	72.03	4.02	9.12	9.17	
Buffalo, N. Y.								
Merrimack Stock Feed	G.	9.00	4.00	60.00	....	....	11.00	Hominy, oat middlings, oat shorts, oat hulls, salt.
Merrimack Farmers' Exchange	F.	9.32	4.84	71.58	5.28	8.98	10.83	
Concord, N. H.								
New England Stock Feed	G.	9.00	4.00	60.00	....	....	9.50	Barley, hominy, oat shorts, oat hulls, oat middlings, salt.
New England Grain Co.	F.	10.07	4.50	70.69	4.48	10.26	10.74	
Portland, Me.								
Stock Feed	G.	8.50	4.00	50.00	....	....	12.00	Barley, corn, oats, hominy feed, oat hulls, oat middlings, oat shorts, calcium carbonate, salt.
Park & Pollard Co.	F.	11.64	5.55	69.51	5.26	8.04	10.59	
Boston, Mass.								
Quaker Sugared Schumacher Feed	G.	10.00	3.00	70.00	....	....	12.00	Corn, hominy feed, barley meal, cottonseed meal, linseed meal, low grade wheat flour, wheat middlings, oat middlings, oat shorts, oat hulls, salt, limestone, bone meal, molasses.
Quaker Oats Co.	F.	10.94	3.85	70.91	6.89	7.41	11.00	
Chicago, Ill.								
Wirthmore Stock Feed	G.	9.00	4.00	70.00	....	....	9.50	Barley, oats, hominy feed, corn, oat middlings, oat shorts, oat hulls, molasses, bone meal, calcium carbonate, salt.
St. Albans Grain Co.	F.	9.81	5.99	70.14	5.52	8.54	9.46	
St. Albans, Vt.								
Stratton & Co's. Stock Feed 24	G.	7.50	2.83	66.00	....	....	14.43	Oat middlings, oat shorts, oat hulls, corn bran, corn siftings.
Stratton & Co.	F.	8.53	5.19	73.52	3.63	9.13	12.34	
Concord, N. H.								
Blue Seal Stock Feed	G.	8.50	3.50	65.00	....	....	11.00	Hominy feed, barley, wheat red dog flour, oat feed, calcium carbonate, salt.
H. K. Webster Co.	F.	10.28	4.67	71.05	5.56	8.44	11.49	
Lawrence, Mass.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
WHEAT BRAN								
Sunfed Wheat Bran	G.	14.00	4.00	62.00	....	....	12.00	
Commander-Larabee Corp. Minneapolis, Minn.	F.	17.25	5.64	61.67	5.82	9.62	....	
Copeland's Dandy Bran	G.	15.00	3.50	51.00	....	....	11.50	
Copeland Flour Mills Midland, Canada	F.	17.55	5.43	60.35	5.26	11.41	....	
Durum Wheat Bran	G.	15.00	4.00	60.00	....	....	12.00	Mill run screenings.
Duluth-Superior Milling Co. Duluth, Minn.	F.	17.43	6.12	60.75	4.15	11.55	....	
Pure Wheat Bran	G.	14.00	3.50	50.00	....	....	12.00	
B. A. Eckhart Milling Co. Chicago, Ill.	F.	16.68	4.96	59.58	6.28	12.50	....	
Wheat Bran	G.	14.00	3.50	....	....	....	12.00	
Fairchild Milling Co. Cleveland, Ohio	F.	16.20	4.53	61.98	6.13	11.16	....	
Dairy Maid Wheat Bran	G.	12.50	2.50	57.00	....	....	13.00	Mill run screenings.
Federal Mills Lockport, N. Y.	F.	14.94	3.41	65.06	6.51	10.08	....	
Lucky Hard Wheat Bran	G.	14.00	3.00	60.00	....	....	14.00	Mill run screenings.
Federal Mills Lockport, N. Y.	F.	17.08	5.14	60.60	6.67	10.51	....	
Hamco Brand Wheat Bran	G.	13.50	3.00	51.00	....	....	12.00	
Frank B. Ham & Co. Toronto, Canada	F.	17.42	5.73	61.82	5.59	9.44	....	

Blackhawk Pure Wheat Bran	G.	15.00	3.20	62.00	....	....	12.00	
International Milling Co.	F.	18.49	5.66	58.87	6.17	10.81	....	
Minneapolis, Minn.								
Pure Wheat Bran	G.	16.00	3.50	58.00	....	....	11.00	
Ismert-Hincke Milling Co.	F.	16.94	4.24	61.29	6.84	10.69	...	
Kansas City, Kan.								
Fancy Brodflake Wheat Bran	G.	14.50	4.00	61.00	....	....	11.00	Wheat bran, wheat screenings.
H. H. King Flour Mills Co.	F.	17.77	5.13	59.45	5.96	11.69	....	
Minneapolis, Minn.								
Lakewoods Wheat Bran	G.	15.00	3.50	53.00	....	....	11.50	
Lake of the Woods Milling Co.	F.	17.51	5.79	60.71	5.46	10.73	....	
Montreal, Canada								
Wheat Bran	G.	15.00	4.00	61.00	....	....	11.00	Wheat bran, mill run screenings.
Maney Milling Co.	F.	16.11	4.16	61.78	6.43	11.52	....	
Omaha, Nebr.								
Montco Wheat Bran	G.	15.00	3.00	....	....	....	12.00	Mill run screenings.
Montana Flour Mills Co.	F.	18.82	5.07	59.25	5.43	11.43	....	
Great Falls, Mont.								
Pure Wheat Bran	G.	14.00	4.00	62.00	....	....	12.00	
Northwestern Consolidated Milling Co.	F.	17.04	5.21	59.05	6.56	12.14	....	
Minneapolis, Minn.								
Ogilvie's Wheat Bran	G.	15.00	3.50	50.00	....	....	11.50	
Ogilvie Flour Mills Co.	F.	16.55	5.55	62.16	5.81	9.93	....	
Montreal, Canada								
Pillsbury's Hard Wheat Bran	G.	14.00	4.00	63.00	....	....	12.00	Wheat bran, mill run screenings.
Pillsbury Flour Mills Co.	F.	17.21	5.30	59.94	6.13	11.42	....	
Minneapolis, Minn.								
Red Wing Special Pure Bran	G.	14.00	4.00	....	....	....	12.50	
Red Wing Milling Co.	F.	17.39	5.03	61.25	6.14	10.19	....	
Red Wing, Minn.								
Red Wing Special Wheat Bran	G.	13.50	4.10	62.30	....	....	15 60	Mill run screenings.
Red Wing Milling Co.	F.	17.55	4.59	62.72	6.03	9.11	....	
Red Wing, Minn.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Superior Wheat Bran	G.	15.00	3.50	49.50	....	....	11.50	
Robin Hood Mills	F.	18.21	5.41	60.98	5.26	10.14	....	
Moose Jaw, Canada								
Ross Blue Rose Wheat Bran	G.	14.50	3.50	58.00	....	....	11.00	Wheat bran, wheat screenings.
Ross Milling Co.	F.	14.50	4.53	64.06	7.13	9.78	....	
Ottawa, Kansas								
Occident Bran	G.	14.00	4.00	61.50	....	....	11.50	
Russell Miller Milling Co.	F.	15.41	4.49	62.21	6.82	11.07	....	
Minneapolis, Minn.								
Dakota Maid Pure Bran	G.	15.00	5.00	60.00	....	....	12.00	
State Mill & Elevator Co.	F.	17.51	5.73	59.32	6.14	11.30	....	
Grand Forks, N. Dak.								
Stratton & Co., Fancy Bran	G.	14.00	4.00	64.00	....	....	11.00	
Stratton & Co.	F.	15.89	3.80	64.15	5.62	10.54	....	
Concord, N. H.								
Bran	G.	15.00	3.50	59.50	....	....	11.50	
St. Lawrence Flour Mills Co.	F.	17.43	5.65	59.99	5.54	11.39	....	
Montreal, Canada								
Rowena Wheat Bran	G.	13.70	4.45	65.60	....	....	10.60	
Valley City Milling Co.	F.	19.74	**3.97**	58.92	6.32	11.05	....	
Grand Rapids, Mich.								
Washburn's Gold Medal Wheat Bran	G.	14.00	4.00	63.00	....	....	12.00	Wheat bran, mill run screenings.
Washburn Crosby Co.	F.	16.50	4.74	62.45	6.21	10.10	....	
Minneapolis, Minn.								
Pioneer Pure Wheat Bran	G.	15.00	3.50	55.00	....	....	11.50	
Western Canada Flour Mills Co.	F.	15.94	5.69	61.40	5.48	11.49	....	
Calgary, Canada								

WHEAT MIDDLINGS							
Sunfed Wheat Standard Middlings	G.	14.50	4.00	62.00	....	....	8.50	Mill run screenings
Commander-Larabee Corp.	F.	17.51	5.43	60.90	5.45	10.71	....	
Minneapolis, Minn.								
Dairy Maid Wheat Middlings	G.	13.00	4.50	58.00	....	....	8.00	Mill run screenings.
Federal Mills	F.	15.24	4.41	66.50	3.33	10.52	....	
Lockport, N. Y.								
Lucky Hard Wheat Middlings	G.	15.00	4.50	56.00	....	....	9.50	Mill run screenings.
Federal Mills	F.	18.17	5.19	62.13	3.69	10.82	....	
Lockport, N. Y.								
Wheat Standard Middlings	G.	15.00	4.75	51.00	....	....	9.50	Mill run screenings.
Hecker-Jones-Jewell Milling Co.	F.	18.43	5.83	60.59	4.67	10.48	....	
Buffalo, N. Y.								
Heywood Middlings	G.	15.00	4.25	60.00	....	....	7.00	
Heywood Milling Co.	F.	15.59	3.93	65.19	3.42	11.87	....	
Jackson, Mich.								
Blackhawk Wheat Standard Middlings.. .	G.	16.00	4.50	60.50	....	....	8.50	Mill run screenings.
International Milling Co.	F.	18.25	5.29	60.21	5.14	11.11	....	
Minneapolis, Minn.								
Wheat Flour Middlings	G.	15.00	4.00	56.00	....	....	6.00	Wheat flour middlings, mill run screenings.
Northwestern Consolidated Milling Co. ..	F.	18.25	5.25	61.20	4.05	11.25	....	
Minneapolis, Minn.								
Wheat Standard Middlings	G.	15.00	4.00	62.50	....	....	9.50	Wheat middlings, mill run screenings.
Northwestern Consolidated Milling Co....	F.	16.94	5.41	62.17	5.32	10.16	....	
Minneapolis, Minn.								
Pillsbury's Standard B Middlings	G.	15.00	4.00	62.50	....	....	9.50	Wheat middlings, wheat screenings.
Pillsbury Flour Mills Co.	F.	16.73	5.24	61.88	4.72	11.43	....	
Minneapolis, Minn.								
Blackhawk Wheat Standard Middlings ..	G.	17.00	4.50	61.50	....	....	9.50	Mill run screenings.
Robin Hood Mills	F.	19.83	5.96	58.52	4.63	11.06	....	
Moose Jaw, Canada								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Alta Middlings	G.	15.00	4.50	61.50	....	....	8.50	
Russell Miller Milling Co. Minneapolis, Minn.	F.	19.13	5.13	60.97	3.87	10.90	....	
Occident Standard Middlings	G.	15.00	4.00	59.50	....	....	9.50	
Russell Miller Milling Co. Minneapolis, Minn.	F.	20.05	6.24	58.21	4.94	10.56	....	
Stratton & Co.'s Fancy Fine White Middlings	G.	14.00	4.26	66.00	....	....	6.50	
Stratton & Co. Concord, N. H.	F.	15.02	**3.43**	67.96	2.31	11.28	....	
Golden Loaf Wheat Middlings	G.	17.00	5.00	....	....	....	8.00	Mill run screenings.
Tennant & Hoyt Co. Lake City, Minn.	F.	19.61	5.93	58.88	4.80	10.78	....	
Washburn's Gold Medal Standard Middlings	G.	15.00	4.00	62.50	....	....	9.50	Wheat middlings, mill run screenings.
Washburn Crosby Co. Minneapolis, Minn.	F.	17.99	5.34	61.36	4.59	10.72	....	
WHEAT MIXED FEED								
Barco Mixed Feed	G.	14.00	3.00	60.00	....	....	7.00	Wheat bran, second clear wheat flour.
G. N. Bartemus Co. Concord, N. H.	F.	19.26	4.96	61.44	4.04	10.30	....	
Sunfed Wheat Mixed Feed	G.	15.00	4.00	62.50	....	....	8.50	Mill run screenings.
Commander Larabee Corp. Minneapolis, Minn.	F.	18.04	5.29	60.40	5.23	11.04	....	

Coweco Heavy Mixed Feed E. A. Cowee Co. Fitchburg, Mass.	G. F.	15.00 18.04	4.00 4.96	55.00 61.00	.... 4.27	.... 11.73	7.00	Wheat bran, wheat middlings, red dog wheat flour.
Delaware Heavy Mixed Feed Delaware Mills, Inc. Deposit, N. Y.	G. F.	15.00 15.85	1.00 1.11	.... 64.80	.... 5.57	.... 9.61	8.50	Wheat bran, wheat low grade flour, mill run screenings.
D & G Wheat Mixed Feed Dietrich & Gambrill, Inc. Frederick, Md.	G. F.	15.00 19.22	3.50 4.52	63.00 60.11	.... 5.61	.... 10.51	7.50	
Pure Camel Fancy Wheat Feed Excelsior Milling Co. Minneapolis, Minn.	G. F.	16.00 15.55	5.00 **4.15**	.... 65.51	.... 5.06	.... 9.73	8.50	Low grade wheat flour, wheat red dog, wheat middlings, wheat bran.
Dairy Maid Wheat Mixed Feed Federal Mills Lockport, N. Y.	G. F.	12.50 15.50	3.50 4.13	57.00 66.05	.... 4.81	.... 9.51	10.00	Wheat bran, wheat middlings, mill run screenings.
Lucky Hard Wheat Mixed Feed Federal Mills Lockport, N. Y.	G. F.	14.50 18.04	3.50 5.18	56.00 61.23	.... 4.93	.... 10.62	10.50	Wheat bran, wheat middlings, mill run screenings.
Granite State Mixed Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. F.	15.00 18.08	4.00 5.71	55.00 60.80	.... 4.24	.... 11.17	8.50	Wheat bran, wheat red dog flour, mill run screenings.
Bull Brand Heavy Mixed Feed Maritime Milling Co. Buffalo, N. Y.	G. F.	15.00 17.91	4.00 5.21	.... 60.90	.... 5.17	.... 10.72	8.00	Wheat bran, wheat middlings, wheat red dog flour, mill run screenings.
Merrimack Heavy Wheat Feed Merrimack Farmers' Exchange Concord, N. H.	G. F.	15.00 17.69	4.00 4.24	55.00 63.51	.... 4.02	.... 10.54	9.00	Wheat bran, mill run screenings, wheat middlings.
Planet Feed Northwestern Consolidated Milling Co. Minneapolis, Minn.	G. F.	15.00 19.09	4.00 5.33	63.00 59.44	.... 4.83	.... 11.31	8.00	Wheat bran, red dog wheat flour.
Heavy Wheat Mixed Feed Park & Pollard Co. Boston, Mass.	G. F.	15.50 18.56	3.35 4.91	55.00 61.04	.... 4.56	.... 10.93	8.00	Wheat bran, flour middlings.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Pillsbury's Fancy Mixed Feed	G.	15.00	4.00	63.50	....	....	8.50	Wheat red dog flour, wheat bran, mill run screenings.
Pillsbury Flour Mills Co.	F.	18.82	5.03	60.89	4.24	11.02	....	
Minneapolis, Minn.								
Brooks' Fancy Wheat Mixed Feed	G.	15.00	4.00	63.00	....	....	8.00	Wheat bran, low grade wheat flour.
Ralston Purina Co.	F.	18.65	4.78	61.18	4.33	11.06	....	
St. Johnsbury, Vt.								
Occident Mixed Feed	G.	15.00	4.50	61.50	....	....	9.50	Wheat bran, wheat middlings, wheat red dog flour.
Russell Miller Milling Co.	F.	18.74	5.74	59.31	5.07	11.14	....	
Minneapolis, Minn.								
Heavy Litchfield Mixed Feed	G.	16.00	4.00	60.00	....	....	8.00	
F. W. Stock & Sons	F.	15.72	4.11	66.24	5.06	8.87	....	
Hillsdale, Mich.								
Stratton & Co.'s Mixed Feed	G.	13.50	4.11	63.00	....	....	7.13	Mill run screenings.
Stratton & Co.	F.	15.85	3.87	64.33	5.30	10.65	....	
Concord, N. H.								
Wirthmore Wheat Feed	G.	15.00	4.50	50.00	....	....	8.00	Wheat bran, wheat red dog flour, mill run screenings.
St. Albans Grain Co.	F.	18.30	4.28	61.28	4.43	11.71	....	
St. Albans, Vt.								
Washburn's Gold Medal Fancy Mixed Feed	G.	15.00	3.50	65.50	....	....	7.50	Wheat bran, mill run screenings, low grade wheat flour.
Washburn Crosby Co.	F.	16.72	4.11	63.90	4.81	10.46	....	
Minneapolis, Minn.								
WHEAT RED DOG FLOUR								
Acme Red Dog	G.	15.00	2.50	60.00	....	....	4.00	Wheat red dog flour.
Acme-Evans Co.	F.	17.12	4.11	63.99	3.21	11.54	....	
Indianapolis, Ind.								

Red Dog Wheat Flour	G.	16.50	4.00	62.00	....	....	4.00	Low grade wheat flour.
King Midas Mill Co.	F.	19.44	5.69	59.41	3.28	12.27	....	
Minneapolis, Minn.								
XXX Comet	G.	16.00	4.00	62.00	....	....	4.00	Wheat red dog flour.
Northwestern Consolidated Milling Co.	F.	20.01	5.08	60.41	3.26	11.24	....	
Minneapolis, Minn.								
Pillsbury's XX Daisy	G.	16.00	4.00	62.00	....	....	4.00	Wheat red dog flour.
Pillsbury Flour Mills Co.	F.	20.01	5.21	59.56	2.89	12.33	....	
Minneapolis, Minn.								
Superior Wheat Red Dog	G.	16.50	3.50	64.00	....	....	4.00	
Robin Hood Mills	F.	19.04	5.42	61.35	3.12	11.07	....	
Moose Jaw, Canada								
WHEAT SHORTS								
Copeland's Dandy Shorts	G.	16.00	5.00	54.00	....	....	8.00	
Copeland Flour Mills	F.	20.22	6.43	57.65	3.90	11.80	....	
Midland, Canada								
Hameo Brand Wheat Shorts	G.	15.00	3.50	52.00	....	....	10.50	
Frank B. Ham & Co., Ltd.	F.	19.13	5.43	60.10	3.94	11.40	....	
Toronto, Canada								
Lakewoods Wheat Shorts	G.	16.00	5.00	56.00	....	....	8.00	
Lake of the Woods Milling Co.	F.	19.00	6.03	59.69	4.43	10.85	....	
Montreal, Canada								
Ogilvie's Wheat Shorts	G.	16.00	5.00	54.00	....	....	8.00	
Ogilvie Flour Mills Co.	F.	19.22	5.99	59.98	4.56	10.25	....	
Montreal, Canada								

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